



# Industrial plugs and sockets

The complete product range



- Durable in tough conditions and environments
- Reliable thanks to high quality contacts
- Cost-saving, designed for quick and easy installation

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# Industrial plugs and sockets

Reliable, durable and safe.

Perfect for your application

These products are used for connection of equipment in all kind of applications where it needs to be possible to connect and disconnect. ABB industrial plugs and sockets are chosen when safety, reliability and durability is requested.

**Durable equipment  
prevents time and  
cost lost due to  
maintenance.**

**Safe connections  
prevent accidents.**

**Reliable contacts  
prevent stops and  
power breaks, which  
leads to increased  
productivity.**

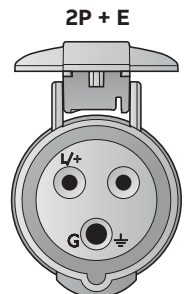
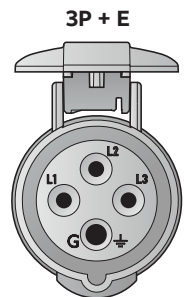
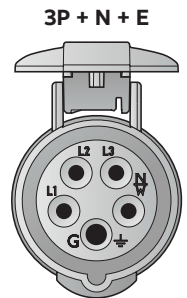
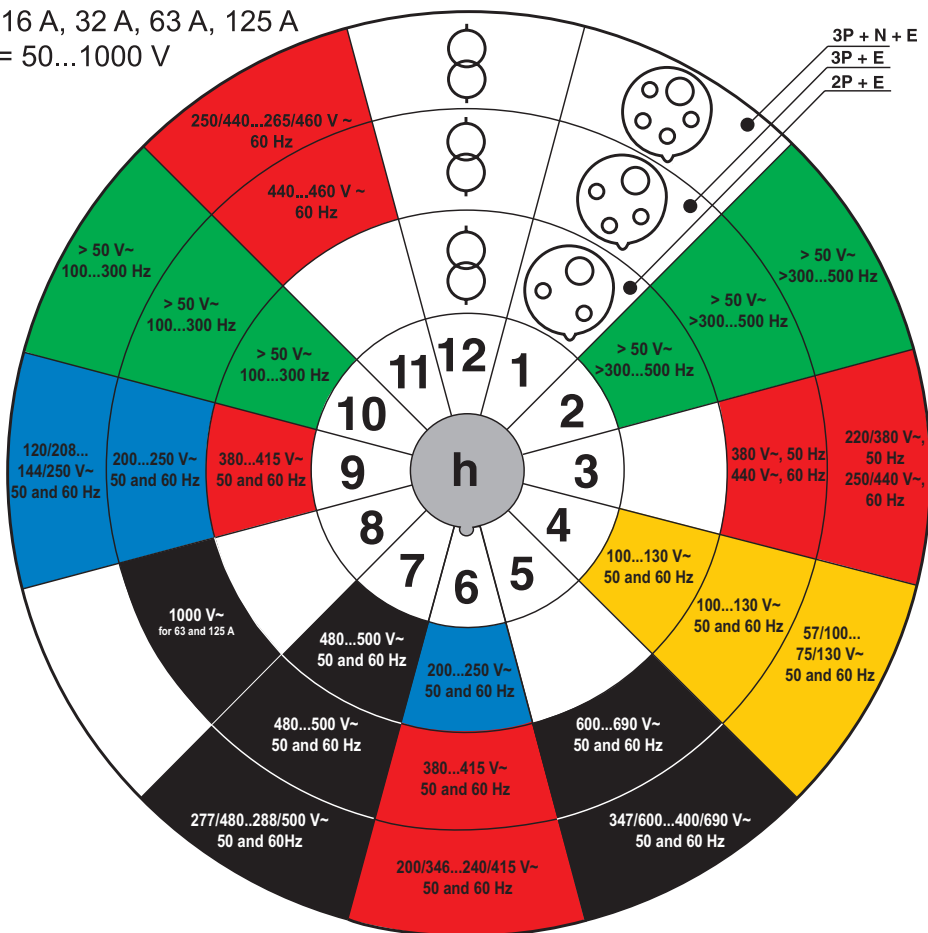




# Industrial plugs and sockets

## IEC 60309-2 “clock”

$I_e = 16 \text{ A}, 32 \text{ A}, 63 \text{ A}, 125 \text{ A}$   
 $U_e = 50 \dots 1000 \text{ V}$



Standard voltages - Color codes according to IEC60309-1, -2

| Position of earthing sleeve according to IEC 60309-2 (clock) | 2P+E   | 3P+E   | 3P+N+E  |
|--|--|--|---|
| 1  | <input type="checkbox"/> Optional voltage (not stated below)     | <input type="checkbox"/> Optional voltage (not stated below)       | <input type="checkbox"/> Optional voltage (not stated below)            |
| 2  | <span style="color: green;">■</span> > 50 V ~ >300...500 Hz      | <span style="color: green;">■</span> > 50 V ~ >300...500 Hz        | <span style="color: green;">■</span> > 50 V ~ >300...500 Hz             |
| 3  | <input type="checkbox"/> Not used                                | <span style="color: red;">■</span> 380 V ~ 50 Hz, 440 V 60 Hz      | <span style="color: red;">■</span> 220/380 V ~ 50 Hz, 250/440 V 60 Hz   |
| 4  | <span style="color: yellow;">■</span> 100...130 V ~ 50 and 60 Hz | <span style="color: yellow;">■</span> 100...130 V ~ 50 and 60 Hz   | <span style="color: yellow;">■</span> 57/100...75/130 V ~ 50 and 60 Hz  |
| 5  | <input type="checkbox"/> Not used                                | <span style="color: black;">■</span> 600...690 V ~ 50 and 60 Hz    | <span style="color: black;">■</span> 347/600...400/690 V ~ 50 and 60 Hz |
| 6  | <span style="color: blue;">■</span> 200...250 V ~ 50 and 60 Hz   | <span style="color: red;">■</span> 380...415 V ~ 50 and 60 Hz      | <span style="color: red;">■</span> 200/346...240/415 V ~ 50 and 60 Hz   |
| 7  | <span style="color: black;">■</span> 480...500 V ~ 50 and 60 Hz  | <span style="color: black;">■</span> 480...500 V ~ 50 and 60 Hz    | <span style="color: black;">■</span> 277/480...288/500 V ~ 50 and 60 Hz |
| 8  | <input type="checkbox"/> Not used                                | <span style="color: black;">■</span> 1000 V ~ (for 63 A and 125 A) | <input type="checkbox"/> Not used                                       |
| 9  | <span style="color: red;">■</span> 380...415 V ~ 50 and 60 Hz    | <span style="color: blue;">■</span> 200...250 V ~ 50 and 60 Hz     | <span style="color: blue;">■</span> 120/208...144/250 V ~ 50 and 60 Hz  |
| 10   | <span style="color: green;">■</span> > 50 V ~ 100...300 Hz       | <span style="color: green;">■</span> > 50 V ~ 100...300 Hz         | <span style="color: green;">■</span> > 50 V ~ 100...300 Hz              |
| 11 Mainly for marine installations                           | <input type="checkbox"/> Not used                                | <span style="color: red;">■</span> 440...460 V ~ 60 Hz             | <span style="color: red;">■</span> 250/440...265/460 V ~ 60 Hz          |
| 12 Supply from isolating transformer                         | <input type="checkbox"/> Supply from isolating transformer       | <input type="checkbox"/> Supply from isolating transformer         | <input type="checkbox"/> Supply from isolating transformer              |

# Industrial plugs and sockets

## A perfect choice

Industrial plugs and sockets are a part of the comprehensive ABB program of high quality low voltage products for industries, buildings and OEM's.

ABB has manufactured industrial plugs and sockets for over 60 years.

Long experience of developing and manufacturing plugs and sockets within ABB has resulted in a wide product range of high quality and a robust ergonomic design. Covering products up to 125 A and 690 V, all tested and approved for IEC standards.

The design and material used have continuously been improved to meet the customer's requirements, and to take the environmental aspects into consideration.

ABB's industrial plugs and sockets have the solution for products in industrial environments with high demands on safety, durability, reliability and cost saving for the end user.

- Safety - tested and approved
- Durability - materials used give a high durability in tough conditions and environments.
- Reliability - high quality contacts ensure reliability.
- Cost saving - designed for quick and easy installation.

You will find all you need in ABB's industrial plugs and sockets product range. One supplier for all your needs and worldwide availability.

### Perfect performance

ABB's plugs and sockets comply with the high quality standards requested when there is a demand for reliability and safety. Some are made of heavy-duty plastics (PBT), others of metal. Some have advanced features while others have a straight forward functionality. Perfect for demanding customers.

### Perfect productivity

The reliability of our plugs and sockets will help you maintain high up-time in operations. No unscheduled or unwanted interruptions, allowing you a high degree of flexibility.

### Perfect safety

Safety is also very important. By choosing ABB's plugs and sockets you minimize the risk of short circuits. You also ensure maximum personal safety for anyone nearby or around your equipment.

### Perfect for the job

Different applications and environments require different products. To make your choice of products easier, we have categorized our range into four groups. All groups have however one feature in common - Safety



**CRITICAL  
& SAFE**

- Select Critical & Safe products for the highest safety in fixed installations.



**TOUGH  
& SAFE**

- Select Tough & Safe products for best performance in demanding and heavy-duty applications.



**EASY  
& SAFE**

- Select Easy & Safe products for adequate functionality and ergonomic design.



**FAST  
& SAFE**

- Select Fast & Safe products for the fastest installation.

The structure of our main catalog is based on these four groups. Look for the three different symbols to make your choice.

### ABB's industrial plugs and sockets – a complete offer

- Approved according to IEC 60 309-1, -2, -4
- Range from 16 A up to 125 A.
- IP44 (splashproof) and IP67 (watertight).
- All contacts are self cleaning and calibrated, to maintain the accurate contact pressure, quality and performance over time.
- Plugs and sockets for 63 A and 125 A have pins and sleeves carriers in glass fiber reinforced polyamide.
- For devices in the Critical & Safe and Tough & Safe range, all external screws are made of stainless steel.
- Clear terminal markings inside and at the front of the devices.
- Switched interlocked socket-outlets for vertical or horizontal mounting.

### Pilot contact

For optimum safety some 63A and 125A products are equipped with a pilot contact according to IEC 60 309-1 and -2.

Then the pilot pin and sleeve are shorter than the other connecting pins and sleeves. This means that the "pilot circuit" breaks before and connects after the main circuit. The maximum connection area is 4 mm<sup>2</sup>.





# Industrial plugs and sockets

## Easy & Safe

### Plugs



Type EP...  
16 A...32 A, IP44



Type EP...W  
16A...32 A, IP67



Type EC...  
16 A...32 A, IP44



Type EC...W  
16 A...32 A, IP67

### Connectors

### Inlets



For wall mounting, Type BS...  
16 A...32 A, IP44



For wall mounting, Type EBS...W  
16 A...32 A, IP67



For panel mounting with unified  
straight flange, Type ...BU...  
16A...32 A, IP44



For panel mounting with unified  
straight flange, Type EBU...W  
16 A...32 A, IP67

### Socket outlet



For wall mounting, Type RS...  
16A...32 A, IP44



For wall mounting, Type ERS...W  
16 A...32A, IP67



For panel mounting with unified  
straight flange, Type RU...  
16 A...32 A, IP44



For panel mounting with unified  
angled flange, Type RAU...  
16 A...32A, IP44



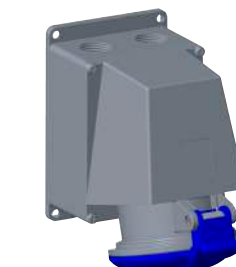
For panel mounting with minimized  
straight flange, Type R...  
16 A...32 A, IP44



For panel mounting with minimized  
angled flange, Type RAM...  
16 A...32A, IP44



For panel mounting with unified  
straight flange, Type ERU...W  
16 A...32A, IP67



For wall mounting, Type  
ERT, 16 ...63A, IP44

# Industrial plugs and sockets

## Easy & Safe

Our new industrial plugs and sockets complements ABB's strong low-voltage offer. These plugs and sockets are part of Easy & Safe. Easy & Safe is a product range suitable for general use in most applications.

In most installations, industrial plugs and sockets are part of the exterior, for that reason it was important to have an attractive design. The modern design and the strong ABB brand add value to each installation or OEM equipment.

### **Protect your contacts with new Easy & Safe IP67**

The biggest addition in this series is the new designed products with IP67 ingress protection. IP67 is a protection class that guarantees water and dust tightness. Although water or dust rarely occurs in some applications, the liquids or dirt may get into the contacting surfaces during the products lifetime, which will affect the contacts performance. This in turn can lead to overheating, burnt contacts and need of replacing plugs and sockets.

Worst case scenario is that fluids or dust reaches the contact parts, which in turn can lead to accidents with injuries and damage the connected equipment.

Electrical contacts protected against liquids and dirt retains its performance over time. High contact performance means reliability, reducing downtime and lowers maintenance costs. Contact parts of ABB's connectors are manufactured with high precision from solid brass. The innovative design means that the contacts seem self-cleaning during connection and disconnection while keeping the contact area free from arcing.

### **Next generation of IP44 plugs and connectors**

Some features of the new IP67 products are also implemented in the IP44 plugs and connectors. With the new cable gland we get improved sealing and strain relief, it also functions with a wider span of cables. We have also implemented the new family design of ABB Industrial plugs and sockets.

### **Applications**

New Easy & Safe series is an excellent choice in most applications where high reliability and safety are required. For example

- Data centers
- Industrial applications
- Food and beverage industries
- Infrastructure applications
- Construction sites
- Mines
- Marine applications connection of reefer containers

For tough applications with specific requirements for UV resistance, chemical resistance, mechanical resistance, our Tough & Safe series is still the best option.



## Plugs



























IP44

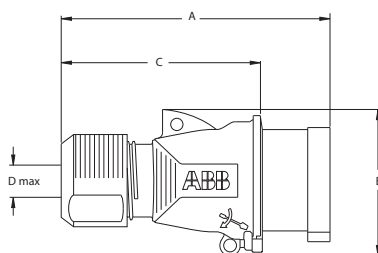


216EP6

### 16 A. Splashproof

Housing in plastic (PA). Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type    | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|---------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |         |                 |            |                               |
| 3                   |  Grey     |              | AC              | 216EP1  | 2CMA101943R1000 | 10         | 0.11                          |
|                     |  Green    | > 50 V~      | >300...500      | 216EP2  | 2CMA101944R1000 |            |                               |
|                     |  Yellow   | 100...130    | 50 and 60       | 216EP4  | 2CMA101946R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 216EP6  | 2CMA101947R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 216EP9  | 2CMA101948R1000 |            |                               |
|                     |  Grey     | transf       |                 | 216EP12 | 2CMA101950R1000 |            |                               |
| 3P+E                |  |              |                 |         |                 |            |                               |
| 4                   |  Grey     |              | AC              | 316EP1  | 2CMA101951R1000 | 10         | 0.16                          |
|                     |  Green    | > 50 V~      | >300...500      | 316EP2  | 2CMA101952R1000 |            |                               |
|                     |  Red     | 380/440      | 50/60           | 316EP3  | 2CMA101953R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 316EP4  | 2CMA101954R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 316EP5  | 2CMA101955R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 316EP6  | 2CMA101956R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 316EP7  | 2CMA101957R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316EP9  | 2CMA101958R1000 |            |                               |
|                     |  Green  | 100...300    | >50             | 316EP10 | 2CMA101959R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 316EP11 | 2CMA101960R1000 |            |                               |
|                     |  Grey   | transf       | 50 and 60       | 316EP12 | 2CMA101961R1000 |            |                               |
|                     | 3P+N+E   |              |                 |         |                 |            |                               |
| 5                   |  Grey   |              | AC              | 416EP1  | 2CMA101962R1000 | 10         | 0.18                          |
|                     |  Green  | > 50 V~      | >300...500      | 416EP2  | 2CMA101963R1000 |            |                               |
|                     |  Red    | 380...440    | 50/60           | 416EP3  | 2CMA101964R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 416EP4  | 2CMA101965R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 416EP5  | 2CMA101966R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 416EP6  | 2CMA101967R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 416EP7  | 2CMA101968R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 416EP9  | 2CMA101969R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 416EP11 | 2CMA101970R1000 |            |                               |
|                     |  |              |                 |         |                 |            |                               |



Dimensions (mm)

| Type     | A   | B    | C    | Dmax |
|----------|-----|------|------|------|
| 216EP... | 127 | 62.5 | 88.5 | 14   |
| 316EP... | 144 | 74.5 | 106  | 17   |
| 416EP... | 144 | 78   | 106  | 17   |

## Plugs



























### IP44

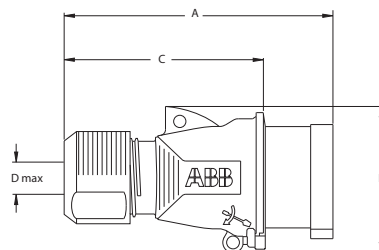


432EP6

#### 32 A. Splashproof

Housing in plastic (PA). Cable entry with compression gland. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |         |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232EP1  | 2CMA101971R1000 | 10         | 0.21                |
|                     |  Green    | > 50 V~   | >300...500 | 232EP2  | 2CMA101972R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 232EP4  | 2CMA101974R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232EP6  | 2CMA101975R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232EP9  | 2CMA101976R1000 |            |                     |
|                     |  Grey     | transf    |            | 232EP12 | 2CMA101978R1000 |            |                     |
| 3P+E                |  |           |            |         |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332EP1  | 2CMA101979R1000 | 10         | 0.23                |
|                     |  Green    | > 50 V~   | >300...500 | 332EP2  | 2CMA101980R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332EP3  | 2CMA101981R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 332EP4  | 2CMA101982R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332EP5  | 2CMA101983R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332EP6  | 2CMA101984R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332EP7  | 2CMA101985R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332EP9  | 2CMA101986R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332EP10 | 2CMA101987R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332EP11 | 2CMA101988R1000 |            |                     |
|                     |  Grey   | transf    | 50 and 60  | 332EP12 | 2CMA101989R1000 |            |                     |
|                     | 3P+N+E   |           |            |         |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432EP1  | 2CMA101990R1000 | 10         | 0.24                |
|                     |  Green  | > 50 V~   | >300...500 | 432EP2  | 2CMA101991R1000 |            |                     |
|                     |  Red    | 380...440 | 50/60      | 432EP3  | 2CMA101992R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432EP4  | 2CMA101993R1000 |            |                     |
|                     |  Black  | 600...690 |            | 432EP5  | 2CMA101994R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432EP6  | 2CMA101995R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432EP7  | 2CMA101996R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432EP9  | 2CMA101997R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432EP11 | 2CMA101998R1000 |            |                     |
|                     |  |           |            |         |                 |            |                     |



Dimensions (mm)

| Type     | A   | B    | C   | Dmax |
|----------|-----|------|-----|------|
| 232EP... | 167 | 82.5 | 121 | 22   |
| 332EP... | 167 | 82.5 | 121 | 22   |
| 432EP... | 167 | 87.5 | 121 | 22   |



## Connectors



























IP44

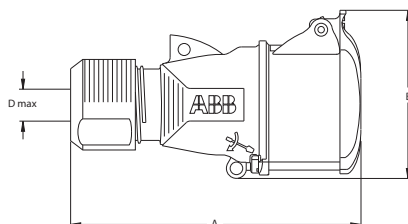


216EC6

### 16 A. Splashproof

Housing in plastic (PA). Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type    | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|---------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |         |                 |            |                               |
| 3                   |  Grey     |              | AC              | 216EC1  | 2CMA101999R1000 | 10         | 0.16                          |
|                     |  Green    | > 50 V~      | >300...500      | 216EC2  | 2CMA102000R1000 |            |                               |
|                     |  Yellow   | 100...130    | 50 and 60       | 216EC4  | 2CMA102002R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 216EC6  | 2CMA102003R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 216EC9  | 2CMA102004R1000 |            |                               |
|                     |  Grey     | transf       |                 | 216EC12 | 2CMA102006R1000 |            |                               |
|                     | 3P+E   |              |                 |         |                 |            |                               |
| 4                   |  Grey     |              | AC              | 316EC1  | 2CMA102007R1000 | 10         | 0.21                          |
|                     |  Green    | > 50 V~      | >300...500      | 316EC2  | 2CMA102008R1000 |            |                               |
|                     |  Red     | 380/440      | 50/60           | 316EC3  | 2CMA102009R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 316EC4  | 2CMA102010R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 316EC5  | 2CMA102011R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 316EC6  | 2CMA102012R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 316EC7  | 2CMA102013R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316EC9  | 2CMA102014R1000 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 316EC10 | 2CMA102015R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 316EC11 | 2CMA102016R1000 |            |                               |
|                     |  Grey   | transf       | 50 and 60       | 316EC12 | 2CMA102017R1000 |            |                               |
|                     | 3P+N+E   |              |                 |         |                 |            |                               |
| 5                   |  Grey   |              | AC              | 416EC1  | 2CMA102018R1000 | 10         | 0.23                          |
|                     |  Green  | > 50 V~      | >300...500      | 416EC2  | 2CMA102019R1000 |            |                               |
|                     |  Red    | 380...440    | 50/60           | 416EC3  | 2CMA102020R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 416EC4  | 2CMA102021R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 416EC5  | 2CMA102022R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 416EC6  | 2CMA102023R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 416EC7  | 2CMA102024R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 416EC9  | 2CMA102025R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 416EC11 | 2CMA102026R1000 |            |                               |
|                     |  |              |                 |         |                 |            |                               |



### Dimensions (mm)

| Type     | A     | B    | Dmax |
|----------|-------|------|------|
| 216EC... | 135.5 | 74.5 | 14   |
| 316EC... | 155   | 87   | 17   |
| 416EC... | 156   | 90.5 | 17   |

## Connectors



























IP44

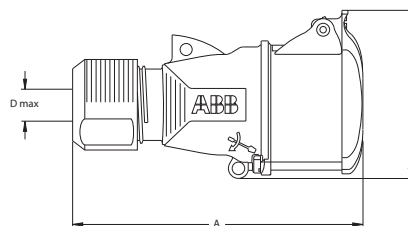


232EC9

### 32 A. Splashproof

Housing in plastic (PA). Cable entry with compression gland. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |         |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232EC1  | 2CMA102027R1000 | 10         | 0.26                |
|                     |  Green    | > 50 V~   | >300...500 | 232EC2  | 2CMA102028R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 232EC4  | 2CMA102030R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232EC6  | 2CMA102031R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232EC9  | 2CMA102032R1000 |            |                     |
|                     |  Grey     | transf    |            | 232EC12 | 2CMA102034R1000 |            |                     |
| 3P+E                |  |           |            |         |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332EC1  | 2CMA102035R1000 | 10         | 0.28                |
|                     |  Green    | > 50 V~   | >300...500 | 332EC2  | 2CMA102036R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332EC3  | 2CMA102037R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 332EC4  | 2CMA102038R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332EC5  | 2CMA102039R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332EC6  | 2CMA102040R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332EC7  | 2CMA102041R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332EC9  | 2CMA102042R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332EC10 | 2CMA102043R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332EC11 | 2CMA102044R1000 |            |                     |
|                     |  Grey   | transf    | 50 and 60  | 332EC12 | 2CMA102045R1000 |            |                     |
|                     | 3P+N+E   |           |            |         |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432EC1  | 2CMA102046R1000 | 10         | 0.30                |
|                     |  Green  | > 50 V~   | >300...500 | 432EC2  | 2CMA102047R1000 |            |                     |
|                     |  Red    | 380...440 | 50/60      | 432EC3  | 2CMA102048R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432EC4  | 2CMA102049R1000 |            |                     |
|                     |  Black  | 600...690 |            | 432EC5  | 2CMA102050R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432EC6  | 2CMA102051R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432EC7  | 2CMA102052R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432EC9  | 2CMA102053R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432EC11 | 2CMA102054R1000 |            |                     |



#### Dimensions (mm)

| Type     | A     | B    | Dmax |
|----------|-------|------|------|
| 232EC... | 182   | 93.5 | 22   |
| 332EC... | 182   | 93.5 | 22   |
| 432EC... | 182.5 | 99   | 22   |

## Inlets




















for wall mounting, IP44

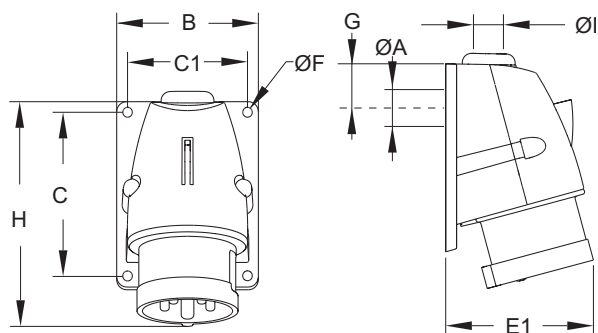


416BS9

### 16 A. Splashproof

Housing in plastic (PA). Flexible membrane and metric threaded M20 insert for top cable entry. Rear knock-out cable entry. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage<br>V | Frequency<br>Hz | Type            | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|---|--------------|-----------------|-----------------|-----------------|------------|-------------------------------|
| 2P+E                |   |              |                 |                 |                 |            |                               |
| 3                   |  Grey    |              | AC              | 216BS1          | 2CMA193293R1000 | 10         | 0.15                          |
|                     |  Yellow  | 100...130    | 50 and 60       | 216BS4          | 2CMA193289R1000 |            |                               |
|                     |  Blue    | 200...250    |                 | 216BS6          | 2CMA193290R1000 |            |                               |
|                     |  Red     | 380...415    |                 | 216BS9          | 2CMA193291R1000 |            |                               |
|                     |  Grey    | transf.      | 216BS12         | 2CMA193292R1000 |                 |            |                               |
| 3P+E                |   |              |                 |                 |                 |            |                               |
| 4                   |  Grey    |              | AC              | 316BS1          | 2CMA193303R1000 | 10         | 0.19                          |
|                     |  Yellow  | 100...130    | 50 and 60       | 316BS4          | 2CMA193296R1000 |            |                               |
|                     |  Black   | 600...690    |                 | 316BS5          | 2CMA193297R1000 |            |                               |
|                     |  Red     | 380...415    |                 | 316BS6          | 2CMA193298R1000 |            |                               |
|                     |  Black | 480...500    | 316BS7          | 2CMA193299R1000 |                 |            |                               |
|                     |  Blue  | 200...250    | 316BS9          | 2CMA193300R1000 |                 |            |                               |
|                     |  Green | >50 V~       | 100...300       | 316BS10         | 2CMA193301R1000 |            |                               |
|                     |  Red   | 440...460    | 60              | 316BS11         | 2CMA193302R1000 |            |                               |
| 3P+N+E              |   |              |                 |                 |                 |            |                               |
| 5                   |  Grey  |              | AC              | 416BS1          | 2CMA193311R1000 | 10         | 0.20                          |
|                     |  Green | >50 V~       | >300...500      | 416BS2          | 2CMA193304R1000 |            |                               |
|                     |  Black | 600...690    | 50 and 60       | 416BS5          | 2CMA126699R1000 |            |                               |
|                     |  Red   | 346...415    |                 | 416BS6          | 2CMA193307R1000 |            |                               |
|                     |  Blue  | 208...250    |                 | 416BS9          | 2CMA193309R1000 |            |                               |
|                     |  Red   | 440...460    | 60              | 416BS11         | 2CMA193310R1000 |            |                               |



Dimensions (mm)

| Type    | A  | B  | C  | C1 | Dmax   | E1 | F   | G  | H   |
|---------|----|----|----|----|--------|----|-----|----|-----|
| 216BS.. | 23 | 66 | 75 | 54 | 18/M20 | 72 | 5.5 | 27 | 110 |
| 316BS.. | 23 | 79 | 91 | 67 | 18/M20 | 78 | 5.5 | 30 | 124 |
| 416BS.. | 23 | 79 | 91 | 67 | 18/M20 | 81 | 5.5 | 30 | 125 |



















## Inlets

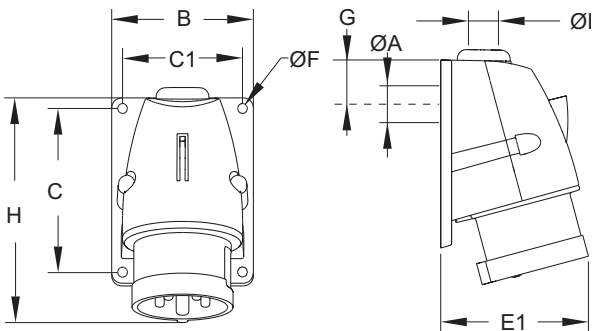
for wall mounting, IP44



### 32 A. IP44. Splashproof

Housing in plastic (PA). Flexible membrane and metric threaded M25 insert for top cable entry.  
Rear knock-out cable entry. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight       |
|---------------------|---|-----------|-----------|---------|-----------------|------------|--------------|
|                     |   | V         | Hz        |         |                 |            | (1pce)<br>kg |
| 2P+E                |   |           |           |         |                 |            |              |
| 3                   |  Grey    |           | AC        | 232BS1  | 2CMA193317R1000 | 10         | 0.25         |
|                     |  Yellow  | 100...130 | 50 and 60 | 232BS4  | 2CMA193313R1000 |            |              |
|                     |  Blue    | 200...250 |           | 232BS6  | 2CMA193314R1000 |            |              |
|                     |  Red     | 380...415 |           | 232BS9  | 2CMA193315R1000 |            |              |
| 3P+E                |   |           |           |         |                 |            |              |
| 4                   |  Grey    |           | AC        | 332BS1  | 2CMA193327R1000 | 10         | 0.27         |
|                     |  Red     | 380/440   | 50/60     | 332BS3  | 2CMA193319R1000 |            |              |
|                     |  Yellow  | 100...130 | 50 and 60 | 332BS4  | 2CMA193320R1000 |            |              |
|                     |  Black   | 600...690 |           | 332BS5  | 2CMA193321R1000 |            |              |
|                     |  Red     | 380...415 |           | 332BS6  | 2CMA193322R1000 |            |              |
|                     |  Black | 480...500 |           | 332BS7  | 2CMA193323R1000 |            |              |
|                     |  Blue  | 200...250 |           | 332BS9  | 2CMA193324R1000 |            |              |
|                     |  Green | > 50 V~   | 100...300 | 332BS10 | 2CMA193325R1000 |            |              |
|                     |  Red   | 440...460 | 60        | 332BS11 | 2CMA193326R1000 |            |              |
| 3P+N+E              |   |           |           |         |                 |            |              |
| 5                   |  Grey  |           | AC        | 432BS1  | 2CMA193335R1000 | 10         | 0.29         |
|                     |  Black | 600...690 | 50 and 60 | 432BS5  | 2CMA126700R1000 |            |              |
|                     |  Red   | 346...415 |           | 432BS6  | 2CMA193331R1000 |            |              |
|                     |  Black | 480...500 |           | 432BS7  | 2CMA193332R1000 |            |              |
|                     |  Blue  | 208...250 |           | 432BS9  | 2CMA193333R1000 |            |              |



Dimensions (mm)

| Type    | A  | B  | C   | C1 | Dmax   | E1 | F   | G  | H   |
|---------|----|----|-----|----|--------|----|-----|----|-----|
| 232BS.. | 29 | 85 | 111 | 72 | 22/M25 | 94 | 5.5 | 34 | 153 |
| 332BS.. | 29 | 85 | 111 | 72 | 22/M25 | 94 | 5.5 | 34 | 153 |
| 432BS.. | 29 | 85 | 111 | 72 | 22/M25 | 96 | 5.5 | 34 | 154 |

## Inlets











for panel mounting with minimized or unified straight flange, IP44

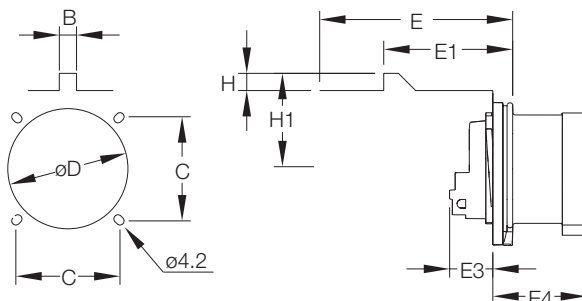


216B6

### 16 A. Splashproof

Housing in plastic (PA). Minimized flange, Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type  | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |       |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |       |                 |            |                     |
| 3                   |  Grey   |           | AC        | 216B1 | 2CMA193341R1000 | 10         | 0.10                |
|                     |  Blue   | 200...250 | 50 and 60 | 216B6 | 2CMA193338R1000 |            |                     |
| 3P+E                |  |           |           |       |                 |            |                     |
| 4                   |  Grey   |           | AC        | 316B1 | 2CMA193351R1000 | 10         | 0.13                |
|                     |  Yellow | 100...130 | 50 and 60 | 316B4 | 2CMA100187R1000 |            |                     |
|                     |  Black  | 600...690 |           | 316B5 | 2CMA193345R1000 |            |                     |
|                     |  Red    | 380...415 |           | 316B6 | 2CMA193346R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316B9 | 2CMA193348R1000 |            |                     |
| 3P+N+E              |  |           |           |       |                 |            |                     |
| 5                   |  Grey  |           | AC        | 416B1 | 2CMA193359R1000 | 10         | 0.14                |
|                     |  Red  | 346...415 | 50 and 60 | 416B6 | 2CMA193355R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416B9 | 2CMA193357R1000 |            |                     |



### Dimensions (mm)

| Type    | B | C     | D  | E  | E1   | E3   | E4   | H | H1   |
|---------|---|-------|----|----|------|------|------|---|------|
| 216B... | 9 | 44-47 | 49 | 75 | 40.5 | 21.5 | 46.5 | 4 | 30.0 |
| 316B... | 9 | 50-52 | 59 | 80 | 46.8 | 21.0 | 47.0 | 5 | 34.0 |
| 416B... | 9 | 50-52 | 59 | 90 | 52.5 | 21.0 | 46.5 | 7 | 38.0 |

## Inlets




for panel mounting with minimized or unified straight flange, IP44



432BU6









### 16 A. IP44. Splashproof

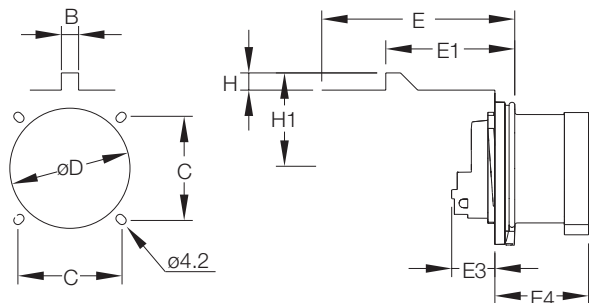
Housing in plastic (PA). Unified flange, Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight        |
|---------------------|---|-----------|-----------|--------|-----------------|------------|---------------|
|                     |   | V         | Hz        |        |                 |            | pkg<br>(1pce) |
|                     |   |           |           |        |                 |            | kg            |
| 3P+E                |   |           |           |        |                 |            |               |
| 4                   |  Blue  | 200...250 | 50 and 60 | 316BU9 | 2CMA163824R1000 | 10         | 0.13          |
| 3P+N+E              |   |           |           |        |                 |            |               |
| 5                   |  Black | 600...690 | 50 and 60 | 416BU5 | 2CMA100235R1000 | 10         | 0.14          |
|                     |  Red   | 346...415 |           | 416BU6 | 2CMA193468R1000 |            |               |

### 32 A. IP44. Splashproof

Housing in plastic (PA). Unified flange, Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight        |
|---------------------|---|-----------|-----------|--------|-----------------|------------|---------------|
|                     |   | V         | Hz        |        |                 |            | pkg<br>(1pce) |
|                     |   |           |           |        |                 |            | kg            |
| 2P+E                |   |           |           |        |                 |            |               |
| 3                   |  Grey  |           | AC        | 232BU1 | 2CMA193437R1000 | 10         | 0.15          |
|                     |  Blue  | 200...250 | 50 and 60 | 232BU6 | 2CMA193434R1000 |            |               |
| 3P+E                |   |           |           |        |                 |            |               |
| 4                   |  Grey  |           | AC        | 332BU1 | 2CMA193447R1000 | 10         | 0.17          |
|                     |  Black | 600...690 | 50 and 60 | 332BU5 | 2CMA193441R1000 |            |               |
|                     |  Red   | 380...415 |           | 332BU6 | 2CMA193442R1000 |            |               |
|                     |  Blue  | 200...250 |           | 332BU9 | 2CMA193444R1000 |            |               |
| 3P+N+E              |   |           |           |        |                 |            |               |
| 5                   |  Grey  |           | AC        | 432BU1 | 2CMA193455R1000 | 10         | 0.19          |
|                     |  Red   | 346...415 | 50 and 60 | 432BU6 | 2CMA193451R1000 |            |               |



Dimensions (mm)

| Type     | B | C     | D  | E   | E1   | E3   | E4   | H | H1   |
|----------|---|-------|----|-----|------|------|------|---|------|
| 316BU... | 9 | 60-61 | 59 | 90  | 52.5 | 21.0 | 46.5 | 7 | 38.0 |
| 416BU... | 9 | 60-61 | 59 | 90  | 52.5 | 21.0 | 46.5 | 7 | 38.0 |
| 232BU... | 9 | 60-61 | 66 | 90  | 53.5 | 24.5 | 55.5 | 7 | 40.0 |
| 332BU... | 9 | 60-61 | 66 | 90  | 53.5 | 24.5 | 55.5 | 7 | 40.0 |
| 432BU... | 9 | 60-61 | 66 | 105 | 59.5 | 25.0 | 55.5 | 8 | 45.0 |

## Socket outlet





















for wall mounting, IP44

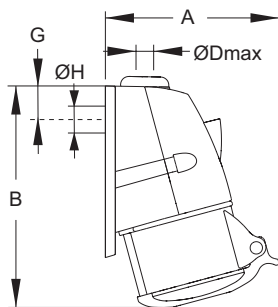
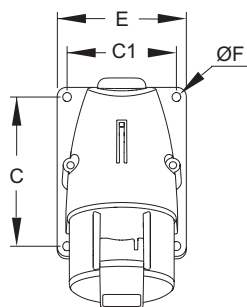


216RS6

### 16 A. Splashproof

Housing in plastic (PA). Flexible membrane and metric threaded M20 insert for top cable entry.  
Rear knock-out cable entry. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage<br>V | Frequency<br>Hz | Type            | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|---|--------------|-----------------|-----------------|-----------------|------------|-------------------------------|
| 2P+E                |   |              |                 |                 |                 |            |                               |
| 3                   |  Grey    |              | AC              | 216RS1          | 2CMA193101R1000 | 10         | 0.22                          |
|                     |  Yellow  | 100...130    | 50 and 60       | 216RS4          | 2CMA193097R1000 |            |                               |
|                     |  Blue    | 200...250    |                 | 216RS6          | 2CMA193098R1000 |            |                               |
|                     |  Red     | 380...415    |                 | 216RS9          | 2CMA193099R1000 |            |                               |
|                     |  Grey    | transf.      |                 | 216RS12         | 2CMA193100R1000 |            |                               |
| 3P+E                |   |              |                 |                 |                 |            |                               |
| 4                   |  Grey    |              | AC              | 316RS1          | 2CMA193111R1000 | 10         | 0.24                          |
|                     |  Yellow  | 100...130    | 50 and 60       | 316RS4          | 2CMA193104R1000 |            |                               |
|                     |  Black   | 600...690    |                 | 316RS5          | 2CMA193105R1000 |            |                               |
|                     |  Red     | 380...415    |                 | 316RS6          | 2CMA193106R1000 |            |                               |
|                     |  Black | 480...500    |                 | 316RS7          | 2CMA193107R1000 |            |                               |
|                     |  Blue  | 200...250    | 316RS9          | 2CMA193108R1000 |                 |            |                               |
|                     |  Green | > 50 V~      | 100...300       | 316RS10         | 2CMA193109R1000 |            |                               |
|                     |  Red   | 440...460    | 60              | 316RS11         | 2CMA193110R1000 |            |                               |
|                     |  Grey  | transf.      | 50 and 60       | 316RS12         | 2CMA170181R1000 |            |                               |
| 3P+N+E              |   |              |                 |                 |                 |            |                               |
| 5                   |  Grey  |              | AC              | 416RS1          | 2CMA193119R1000 | 10         | 0.26                          |
|                     |  Green | > 50 V~      | 300...500       | 416RS2          | 2CMA193112R1000 |            |                               |
|                     |  Black | 600...690    | 50 and 60       | 416RS5          | 2CMA126666R1000 |            |                               |
|                     |  Red   | 346...415    |                 | 416RS6          | 2CMA193115R1000 |            |                               |
|                     |  Blue  | 208...250    |                 | 416RS9          | 2CMA193117R1000 |            |                               |
|                     |  Red   | 440...460    |                 | 60              | 416RS11         |            |                               |



### Dimensions (mm)

| Type    | A   | B   | C  | C1 | Dmax   | E  | F   | G  | H  |
|---------|-----|-----|----|----|--------|----|-----|----|----|
| 216RS.. | 91  | 117 | 75 | 54 | 18/M20 | 66 | 5.5 | 27 | 23 |
| 316RS.. | 100 | 132 | 91 | 67 | 18/M20 | 79 | 5.5 | 30 | 23 |
| 416RS.. | 104 | 134 | 91 | 67 | 18/M20 | 79 | 5.5 | 30 | 23 |



## Socket outlet



















for wall mounting, IP44

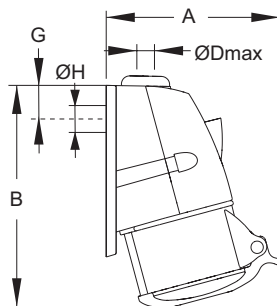
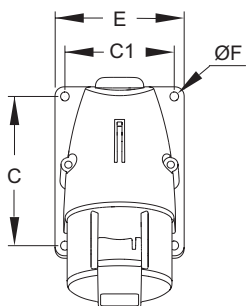


432RS6

### 32 A. Splashproof

Housing in plastic (PA). Flexible membrane and metric threaded M25 insert for top cable entry.  
Rear knock-out cable entry. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight       |
|---------------------|---|-----------|-----------|---------|-----------------|------------|--------------|
|                     |   | V         | Hz        |         |                 |            | (1pce)<br>kg |
| 2P+E                |   |           |           |         |                 |            |              |
| 3                   |  Grey    |           | AC        | 232RS1  | 2CMA193125R1000 | 10         | 0.30         |
|                     |  Yellow  | 100...130 | 50 and 60 | 232RS4  | 2CMA193121R1000 |            |              |
|                     |  Blue    | 200...250 |           | 232RS6  | 2CMA193122R1000 |            |              |
|                     |  Red     | 380...415 |           | 232RS9  | 2CMA193123R1000 |            |              |
| 3P+E                |   |           |           |         |                 |            |              |
| 4                   |  Grey    |           | AC        | 332RS1  | 2CMA193135R1000 | 10         | 0.32         |
|                     |  Red     | 380/440   | 50/60     | 332RS3  | 2CMA193127R1000 |            |              |
|                     |  Yellow  | 100...130 | 50 and 60 | 332RS4  | 2CMA193128R1000 |            |              |
|                     |  Black   | 600...690 |           | 332RS5  | 2CMA193129R1000 |            |              |
|                     |  Red     | 380...415 |           | 332RS6  | 2CMA193130R1000 |            |              |
|                     |  Black | 480...500 |           | 332RS7  | 2CMA193131R1000 |            |              |
|                     |  Blue  | 200...250 |           | 332RS9  | 2CMA193132R1000 |            |              |
|                     |  Green | > 50 V~   | 100...300 | 332RS10 | 2CMA193133R1000 |            |              |
|                     |  Red   | 440...460 | 60        | 332RS11 | 2CMA193134R1000 |            |              |
| 3P+N+E              |   |           |           |         |                 |            |              |
| 5                   |  Grey  |           | AC        | 432RS1  | 2CMA193143R1000 | 10         | 0.34         |
|                     |  Black | 600...690 | 50 and 60 | 432RS5  | 2CMA126667R1000 |            |              |
|                     |  Red   | 346...415 |           | 432RS6  | 2CMA193139R1000 |            |              |
|                     |  Black | 480...500 |           | 432RS7  | 2CMA193140R1000 |            |              |
|                     |  Blue  | 208...250 |           | 432RS9  | 2CMA193141R1000 |            |              |

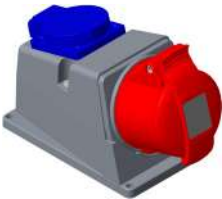


### Dimensions (mm)

| Type    | A   | B   | C   | C1 | Dmax   | E  | F   | G  | H  |
|---------|-----|-----|-----|----|--------|----|-----|----|----|
| 232RS.. | 118 | 163 | 111 | 72 | 22/M25 | 85 | 5.5 | 34 | 29 |
| 332RS.. | 116 | 163 | 111 | 72 | 22/M25 | 85 | 5.5 | 34 | 29 |
| 432RS.. | 121 | 164 | 111 | 72 | 22/M25 | 85 | 5.5 | 34 | 29 |



Additional products and accessories

Surface socket outlet with schuko



CUE416-6+R/UJP

**16A, IP44. Splashproof**  
Housing in plastic (PA). Socket outlet with 2 pole schuko. Cable area 1.5...4 mm²

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type           | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|----------------|-----------------|------------|---------------|
|                     |  | V         | Hz        |                |                 |            | pkg<br>(1pce) |
|                     |  |           |           |                |                 |            | kg            |
| 3P+E                |  |           |           |                |                 |            |               |
| 5                   |  Blue | 200...250 | 50 and 60 | CUE316-9+R/UJP | 2CMA178363R1000 | 10         | 0.34          |
| 3P+N+E              |  |           |           |                |                 |            |               |
| 5                   |  Red  | 400/230   | 50 and 60 | CUE416-6+R/UJP | 2CMA178301R1000 | 10         | 0.34          |



CUE416-6+R/FR16

**16A, IP44. Splashproof**  
Housing in plastic (PA). Socket outlet with 2 pole schuko. Cable area 1.5...4 mm²

| Terminals/<br>Poles | Color<br>code                        | Voltage | Frequency | Type             | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--------------------------------------|---------|-----------|------------------|-----------------|------------|---------------|
|                     |                                      | V       | Hz        |                  |                 |            | pkg<br>(1pce) |
|                     |                                      |         |           |                  |                 |            | kg            |
| 3P+N+E              |                                      |         |           |                  |                 |            |               |
| 5                   | <div><div></div><div>Red</div></div> | 400/230 | 50 and 60 | CUE416-6+R/FR16* | 2CMA101642R1000 | 10         | 0.34          |

\*French Standard

**16A, IP44. Splashproof**  
Housing in plastic (PA). Socket outlet with 2 pole schuko. Cable area 1.5...4 mm²

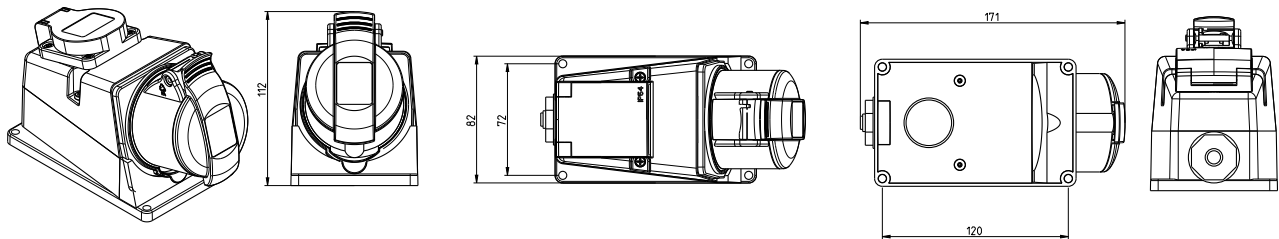
| Terminals/<br>Poles | Color<br>code                        | Voltage | Frequency | Type             | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--------------------------------------|---------|-----------|------------------|-----------------|------------|---------------|
|                     |                                      | V       | Hz        |                  |                 |            | pkg<br>(1pce) |
|                     |                                      |         |           |                  |                 |            | kg            |
| 3P+N+E              |                                      |         |           |                  |                 |            |               |
| 5                   | <div><div></div><div>Red</div></div> | 400/230 | 50 and 60 | CUE416-6+R/BS13* | 2CMA101635R1000 | 10         | 0.34          |

\*British Standard

**16A, IP44. Splashproof**  
Housing in plastic (PA). Socket outlet with 2 pole schuko. Cable area 1.5...4 mm²

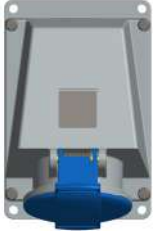
| Terminals/<br>Poles | Color<br>code                        | Voltage | Frequency | Type              | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--------------------------------------|---------|-----------|-------------------|-----------------|------------|---------------|
|                     |                                      | V       | Hz        |                   |                 |            | pkg<br>(1pce) |
|                     |                                      |         |           |                   |                 |            | kg            |
| 3P+N+E              |                                      |         |           |                   |                 |            |               |
| 5                   | <div><div></div><div>Red</div></div> | 400/230 | 50 and 60 | CUE416-6+R/DK16A* | 2CMA105921R1000 | 10         | 0.34          |

\*Danish Standard



## Socket outlet




















for wall mounting, IP44

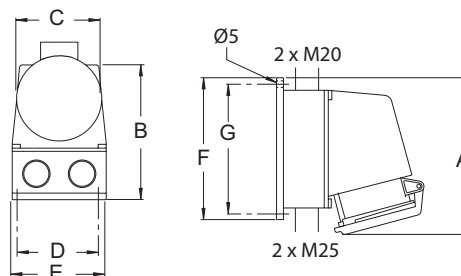


216ERT6

### 16 A. Watertight

Housing in plastic (PBT). Cable entry with knock-outs 2xM20 on bottom and 2xM25 on top. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |          |                 |            |                     |
| 3                   |  Grey     |           | AC         | 216ERT1  | 2CMA101739R1000 | 1          | 0.36                |
|                     |  Green    | > 50 V~   | >300...500 | 216ERT2  | 2CMA101740R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 216ERT4  | 2CMA101719R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 216ERT6  | 2CMA101742R1000 |            |                     |
|                     |  Grey     | transf.   |            | 216ERT12 | 2CMA101743R1000 |            |                     |
| 3P+E                |  |           |            |          |                 |            |                     |
| 4                   |  Grey     |           | AC         | 316ERT1  | 2CMA101744R1000 | 1          | 0.39                |
|                     |  Green    | > 50 V~   | >300...500 | 316ERT2  | 2CMA101745R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 316ERT4  | 2CMA101746R1000 |            |                     |
|                     |  Black    | 600...690 |            | 316ERT5  | 2CMA101747R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316ERT6  | 2CMA101720R1000 |            |                     |
|                     |  Black  | 480...500 |            | 316ERT7  | 2CMA101748R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 316ERT9  | 2CMA101721R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 316ERT10 | 2CMA101749R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 316ERT11 | 2CMA101722R1000 |            |                     |
|                     |  Grey   | transf.   |            | 316ERT12 | 2CMA101750R1000 |            |                     |
| 3P+N+E              |  |           |            |          |                 |            |                     |
| 5                   |  Grey   |           | AC         | 416ERT1  | 2CMA101751R1000 | 10         | 0.41                |
|                     |  Green  | > 50 V~   | >300...500 | 416ERT2  | 2CMA101752R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 416ERT4  | 2CMA101753R1000 |            |                     |
|                     |  Red    | 346...415 |            | 416ERT6  | 2CMA101723R1000 |            |                     |
|                     |  Black  | 480...500 |            | 416ERT7  | 2CMA101754R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 416ERT9  | 2CMA101755R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 416ERT11 | 2CMA101756R1000 |            |                     |

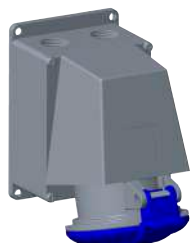


### Dimensions (mm)

| Type               | A   | B   | C  | D  | E  | F   | G   |
|--------------------|-----|-----|----|----|----|-----|-----|
| 216ERT...416ERT... | 134 | 139 | 82 | 71 | 80 | 120 | 111 |

## Socket outlet

for wall mounting, IP44

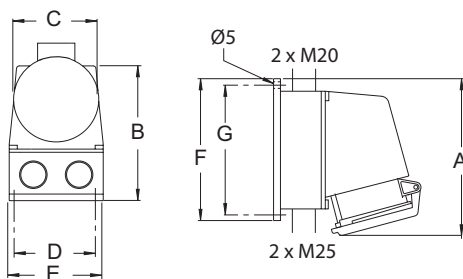


232ERT6

### 32 A. Splashproof

Housing in plastic (PBT). Cable entry with knock-outs 2xM25 on top and 2xM25 on bottom. Cable area 2.5...10 mm<sup>2</sup>

| Terminals     | Color code | Voltage<br>V        | Frequency<br>Hz | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------|------------|---------------------|-----------------|----------|-----------------|------------|-------------------------------|
| <b>2P+E</b>   |            |                     |                 |          |                 |            |                               |
|               | Green      | >50                 | >300 ... 500    | 232ERT2  | 2CMA101757R1000 | 1          | 0.42                          |
|               | Yellow     | 100 ... 130         | 50, 60          | 232ERT4  | 2CMA101759R1000 |            |                               |
|               | Blue       | 200 ... 250         |                 | 232ERT6  | 2CMA101724R1000 |            |                               |
|               | Red        | 380 ... 415         |                 | 232ERT9  | 2CMA101760R1000 |            |                               |
|               | Grey       | Isol. Transformer   |                 | 232ERT12 | 2CMA101761R1000 |            |                               |
| <b>3P+E</b>   |            |                     |                 |          |                 |            |                               |
|               | Green      | >50                 | >300 ... 500    | 332ERT2  | 2CMA101762R1000 | 1          | 0.44                          |
|               | Red        | 380/440             | 50/60           | 332ERT3  | 2CMA101763R1000 |            |                               |
|               | Yellow     | 100 ... 130         |                 | 332ERT4  | 2CMA101764R1000 |            |                               |
|               | Black      | 600 ... 690         |                 | 332ERT5  | 2CMA101765R1000 |            |                               |
|               | Red        | 380 ... 415         |                 | 332ERT6  | 2CMA101725R1000 |            |                               |
|               | Black      | 480 ... 500         |                 | 332ERT7  | 2CMA101766R1000 |            |                               |
|               | Blue       | 200 ... 250         |                 | 332ERT9  | 2CMA101726R1000 |            |                               |
|               | Green      | 50 ... 600          | 100 ... 300     | 332ERT10 | 2CMA101767R1000 |            |                               |
|               | Red        | 440 ... 460         | 60              | 332ERT11 | 2CMA101768R1000 |            |                               |
|               | Grey       | Isol. Transformer   | 50, 60          | 332ERT12 | 2CMA101769R1000 |            |                               |
| <b>3P+N+E</b> |            |                     |                 |          |                 |            |                               |
|               | Green      | >50                 | >300 ... 500    | 432ERT2  | 2CMA101770R1000 | 1          | 0.5                           |
|               | Yellow     | 57/100 ... 75/130   | 50, 60          | 432ERT4  | 2CMA101771R1000 |            |                               |
|               | Red        | 200/346 ... 240/415 |                 | 432ERT6  | 2CMA101727R1000 |            |                               |
|               | Black      | 277/480 ... 288/500 |                 | 432ERT7  | 2CMA101772R1000 |            |                               |
|               | Blue       | 120/208 ... 144/250 |                 | 432ERT9  | 2CMA101773R1000 |            |                               |
|               | Red        | 440 ... 460         | 60              | 432ERT11 | 2CMA101774R1000 |            |                               |



### Dimensions (mm)

| Type             | A   | B   | C   | D   | E   | F   | G   |
|------------------|-----|-----|-----|-----|-----|-----|-----|
| 232ERT... 432ERT | 139 | 139 | 82  | 71  | 80  | 121 | 111 |
| 263ERT... 463ERT | 225 | 186 | 100 | 124 | 149 | 149 | 129 |

## Socket outlet

for wall mounting, IP44

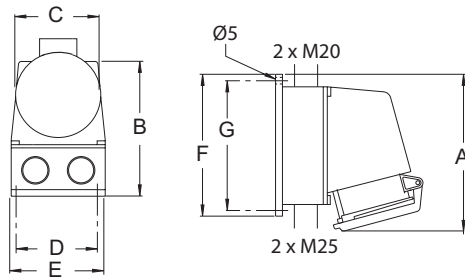


263ERT6

### 63 A. Splashproof

Housing in plastic (PBT). Cable entry with knock-outs 2 x M32/M40 + 1 x M20 on top. 1 x M20 + 1 x M32/M40 on bottom. Cable area 6...25 mm<sup>2</sup>

| Terminals     | Color code | Voltage<br>V        | Frequency<br>Hz | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------|------------|---------------------|-----------------|----------|-----------------|------------|-------------------------------|
| <b>2P+E</b>   |            |                     |                 |          |                 |            |                               |
|               | Yellow     | 100 ... 130         | 50, 60          | 263ERT4  | 2CMA101894R1000 | 1          | 1.4                           |
|               | Blue       | 200 ... 250         |                 | 263ERT6  | 2CMA101895R1000 |            |                               |
| <b>3P+E</b>   |            |                     |                 |          |                 |            |                               |
|               | Yellow     | 100 ... 130         | 50, 60          | 363ERT4  | 2CMA101888R1000 | 1          | 1.4                           |
|               | Black      | 600 ... 690         |                 | 363ERT5  | 2CMA101889R1000 |            |                               |
|               | Red        | 380 ... 415         |                 | 363ERT6  | 2CMA101890R1000 |            |                               |
|               | Black      | 480 ... 500         |                 | 363ERT7  | 2CMA101891R1000 |            |                               |
|               | Blue       | 200 ... 250         |                 | 363ERT9  | 2CMA101892R1000 |            |                               |
|               | Red        | 440 ... 460         | 60              | 363ERT11 | 2CMA101893R1000 |            |                               |
| <b>3P+N+E</b> |            |                     |                 |          |                 |            |                               |
|               | Yellow     | 57/100 ... 75/130   | 50, 60          | 463ERT4  | 2CMA101884R1000 | 1          | 1.45                          |
|               | Red        | 200/346 ... 240/415 |                 | 463ERT6  | 2CMA101885R1000 |            |                               |
|               | Blue       | 120/208 ... 144/250 |                 | 463ERT9  | 2CMA101886R1000 |            |                               |
|               | Red        | 250/440 ... 265/460 | 60              | 463ERT11 | 2CMA101887R1000 |            |                               |



### Dimensions (mm)

| Type             | A   | B   | C   | D   | E   | F   | G   |
|------------------|-----|-----|-----|-----|-----|-----|-----|
| 232ERT... 432ERT | 139 | 139 | 82  | 71  | 80  | 121 | 111 |
| 263ERT... 463ERT | 225 | 186 | 100 | 124 | 149 | 149 | 129 |

## Socket outlet



















for panel mounting with unified straight flange, IP44

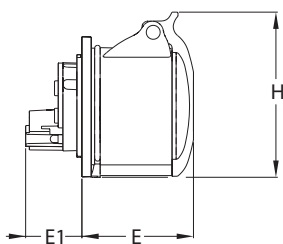
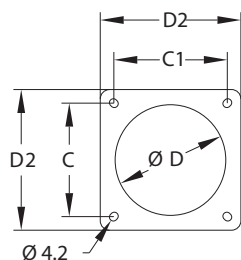


216RU6

### 16 A. Splashproof

Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency  | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|------------|---------|-----------------|------------|---------------------|
|                     |   | V         | Hz         |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |            |         |                 |            |                     |
| 3                   |  Grey    |           | AC         | 216RU1  | 2CMA193173R1000 | 10         | 0.15                |
|                     |  Yellow  | 100...130 | 50 and 60  | 216RU4  | 2CMA193169R1000 |            |                     |
|                     |  Blue    | 200...250 |            | 216RU6  | 2CMA193170R1000 |            |                     |
|                     |  Red     | 380...415 |            | 216RU9  | 2CMA193171R1000 |            |                     |
|                     |  Grey    | transf.   |            | 216RU12 | 2CMA193172R1000 |            |                     |
| 3P+E                |   |           |            |         |                 |            |                     |
| 4                   |  Grey    |           | AC         | 316RU1  | 2CMA193183R1000 | 10         | 0.18                |
|                     |  Yellow  | 100...130 | 50 and 60  | 316RU4  | 2CMA193176R1000 |            |                     |
|                     |  Black   | 600...690 |            | 316RU5  | 2CMA193177R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316RU6  | 2CMA193178R1000 |            |                     |
|                     |  Black | 480...500 |            | 316RU7  | 2CMA193179R1000 |            |                     |
|                     |  Blue  | 200...250 |            | 316RU9  | 2CMA193180R1000 |            |                     |
|                     |  Green | > 50 V~   | 100...300  | 316RU10 | 2CMA193181R1000 |            |                     |
|                     |  Red   | 440...460 | 60         | 316RU11 | 2CMA193182R1000 |            |                     |
|                     |   |           |            |         |                 |            |                     |
| 3P+N+E              |   |           |            |         |                 |            |                     |
| 5                   |  Grey  |           | AC         | 416RU1  | 2CMA193191R1000 | 10         | 0.20                |
|                     |  Green | > 50 V~   | >300...500 | 416RU2  | 2CMA193184R1000 |            |                     |
|                     |  Black | 600...690 | 50 and 60  | 416RU5  | 2CMA126673R1000 |            |                     |
|                     |  Red   | 346...415 |            | 416RU6  | 2CMA193187R1000 |            |                     |
|                     |  Blue  | 208...250 |            | 416RU9  | 2CMA193189R1000 |            |                     |



### Dimensions (mm)

| Type    | C     | C1    | D  | D2 | E  | E1 | H  |
|---------|-------|-------|----|----|----|----|----|
| 216RU.. | 60-61 | 60-61 | 49 | 75 | 56 | 29 | 79 |
| 316RU.. | 60-61 | 60-61 | 59 | 75 | 58 | 30 | 87 |
| 416RU.. | 60-61 | 60-61 | 59 | 75 | 60 | 31 | 89 |

## Socket outlet













for panel mounting with unified straight flange, IP44

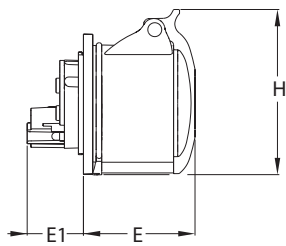
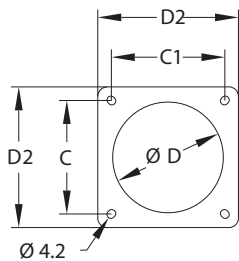


432RU6

### 32 A. Splashproof

Housing in plastic (PA). Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight       |
|---------------------|---|-----------|-----------|--------|-----------------|------------|--------------|
|                     |   | V         | Hz        |        |                 |            | (1pce)<br>kg |
| 2P+E                |   |           |           |        |                 |            |              |
| 3                   |  Grey    |           | AC        | 232RU1 | 2CMA193245R1000 | 10         | 0.21         |
|                     |  Yellow  | 100...130 | 50 and 60 | 232RU4 | 2CMA193241R1000 |            |              |
|                     |  Blue    | 200...250 |           | 232RU6 | 2CMA193242R1000 |            |              |
| 3P+E                |   |           |           |        |                 |            |              |
| 4                   |  Grey    |           | AC        | 332RU1 | 2CMA193255R1000 | 10         | 0.22         |
|                     |  Black   | 600...690 | 50 and 60 | 332RU5 | 2CMA193249R1000 |            |              |
|                     |  Red     | 380...415 |           | 332RU6 | 2CMA193250R1000 |            |              |
|                     |  Black   | 480...500 |           | 332RU7 | 2CMA193251R1000 |            |              |
|                     |  Blue    | 200...250 |           | 332RU9 | 2CMA193252R1000 |            |              |
| 3P+N+E              |   |           |           |        |                 |            |              |
| 5                   |  Grey  |           | AC        | 432RU1 | 2CMA193263R1000 | 10         | 0.24         |
|                     |  Black | 600...690 | 50 and 60 | 432RU5 | 2CMA126674R1000 |            |              |
|                     |  Red   | 346...415 |           | 432RU6 | 2CMA193259R1000 |            |              |
|                     |  Blue  | 208...250 |           | 432RU9 | 2CMA101699R1000 |            |              |



### Dimensions (mm)

| Type    | C     | C1    | D  | D2 | E  | E1 | H  |
|---------|-------|-------|----|----|----|----|----|
| 232RU.. | 60-61 | 60-61 | 66 | 75 | 70 | 34 | 93 |
| 332RU.. | 60-61 | 60-61 | 66 | 75 | 70 | 34 | 93 |
| 432RU.. | 60-61 | 60-61 | 66 | 75 | 71 | 34 | 99 |



## Socket outlet





















for panel mounting with unified angled flange, IP44

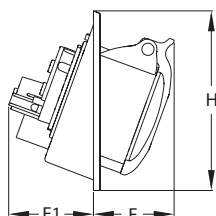
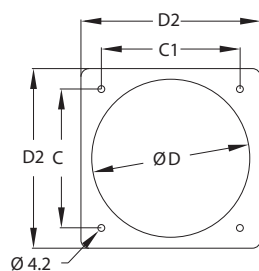


216RAU6

### 16 A. Splashproof

Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |          |                 |            |                               |
| 3                   |  Grey     |              | AC              | 216RAU1  | 2CMA193221R1000 | 10         | 0.19                          |
|                     |  Green    | > 50 V~      | >300...500      | 216RAU2  | 2CMA101342R1000 |            |                               |
|                     |  Yellow   | 100...130    | 50 and 60       | 216RAU4  | 2CMA193217R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 216RAU6  | 2CMA193218R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 216RAU9  | 2CMA193219R1000 |            |                               |
|                     |  Grey     | transf.      |                 | 216RAU12 | 2CMA193220R1000 |            |                               |
|                     | 3P+E   |              |                 |          |                 |            |                               |
| 4                   |  Grey     |              | AC              | 316RAU1  | 2CMA193231R1000 | 10         | 0.22                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 316RAU4  | 2CMA193224R1000 |            |                               |
|                     |  Black   | 600...690    |                 | 316RAU5  | 2CMA193225R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 316RAU6  | 2CMA193226R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 316RAU7  | 2CMA193227R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316RAU9  | 2CMA193228R1000 |            |                               |
|                     |  Green  | > 50 V~      | >300...500      | 316RAU10 | 2CMA193229R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 316RAU11 | 2CMA193230R1000 |            |                               |
|                     | 3P+N+E   |              |                 |          |                 |            |                               |
| 5                   |  Grey   |              | AC              | 416RAU1  | 2CMA193239R1000 | 10         | 0.24                          |
|                     |  Green  | > 50 V~      | >300...500      | 416RAU2  | 2CMA193232R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 416RAU4  | 2CMA101343R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 416RAU5  | 2CMA126678R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 416RAU6  | 2CMA193235R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 416RAU9  | 2CMA193237R1000 |            |                               |



### Dimensions (mm)

| Type     | C  | C1 | D  | D2  | E  | E1 | H   |
|----------|----|----|----|-----|----|----|-----|
| 216RAU.. | 85 | 85 | 98 | 110 | 48 | 48 | 110 |
| 316RAU.. | 85 | 85 | 98 | 110 | 50 | 48 | 110 |
| 416RAU.. | 85 | 85 | 98 | 110 | 51 | 50 | 110 |

## Socket outlet












for panel mounting with unified angled flange, IP44

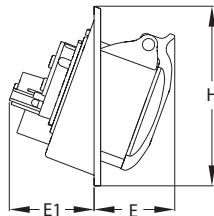
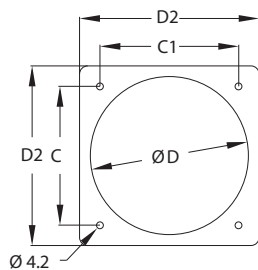


432RAU6

### 32 A. Splashproof

Housing in plastic (PA). Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |           |         |                 |            |                     |
| 3                   |  Grey    |           | AC        | 232RAU1 | 2CMA193269R1000 | 10         | 0.25                |
|                     |  Yellow  | 100...130 | 50 and 60 | 232RAU4 | 2CMA193265R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 232RAU6 | 2CMA193266R1000 |            |                     |
| 3P+E                |   |           |           |         |                 |            |                     |
| 4                   |  Grey    |           | AC        | 332RAU1 | 2CMA193279R1000 | 10         | 0.26                |
|                     |  Black   | 600...690 | 50 and 60 | 332RAU5 | 2CMA193273R1000 |            |                     |
|                     |  Red     | 380...415 |           | 332RAU6 | 2CMA193274R1000 |            |                     |
|                     |  Black   | 480...500 |           | 332RAU7 | 2CMA193275R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 332RAU9 | 2CMA193276R1000 |            |                     |
| 3P+N+E              |   |           |           |         |                 |            |                     |
| 5                   |  Grey  |           | AC        | 432RAU1 | 2CMA193287R1000 | 10         | 0.28                |
|                     |  Black | 600...690 | 50 and 60 | 432RAU5 | 2CMA126679R1000 |            |                     |
|                     |  Red   | 346...415 |           | 432RAU6 | 2CMA193283R1000 |            |                     |



### Dimensions (mm)

| Type      | C  | C1 | D  | D2  | E  | E1 | H   |
|-----------|----|----|----|-----|----|----|-----|
| 232RAU... | 85 | 85 | 98 | 110 | 61 | 53 | 110 |
| 332RAU... | 85 | 85 | 98 | 110 | 61 | 53 | 110 |
| 432RAU... | 85 | 85 | 98 | 110 | 63 | 54 | 110 |

## Socket outlet

















for panel mounting with minimized straight flange, IP44

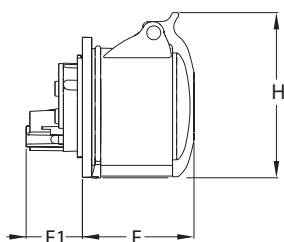
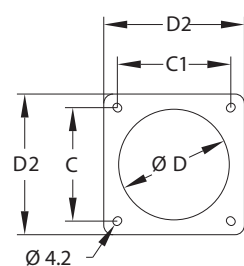


216R6

### 16 A. Splashproof

Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|------------|-----------------|-----------------|------------|---------------------|
|                     |   | V         | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |            |                 |                 |            |                     |
| 3                   |  Yellow  | 100...130 | 50 and 60  | 216R4           | 2CMA193145R1000 | 10         | 0.14                |
|                     |  Blue    | 200...250 |            | 216R6           | 2CMA193146R1000 |            |                     |
|                     |  Red     | 380...415 |            | 216R9           | 2CMA193147R1000 |            |                     |
|                     |  Grey    | transf.   |            | 216R12          | 2CMA193148R1000 |            |                     |
| 3P+E                |   |           |            |                 |                 |            |                     |
| 4                   |  Grey    |           | AC         | 316R1           | 2CMA193159R1000 | 10         | 0.17                |
|                     |  Yellow  | 100...130 | 50 and 60  | 316R4           | 2CMA193152R1000 |            |                     |
|                     |  Black   | 600...690 |            | 316R5           | 2CMA193153R1000 |            |                     |
|                     |  Red     | 380...415 |            | 316R6           | 2CMA193154R1000 |            |                     |
|                     |  Black   | 480...500 | 316R7      | 2CMA193155R1000 |                 |            |                     |
|                     |  Blue  | 200...250 | 316R9      | 2CMA193156R1000 |                 |            |                     |
|                     |  Green | > 50 V~   | 100...300  | 316R10          | 2CMA193157R1000 |            |                     |
|                     |  Red   | 440...460 | 60         | 316R11          | 2CMA193158R1000 |            |                     |
|                     | 3P+N+E  |           |            |                 |                 |            |                     |
| 5                   |  Grey  |           | AC         | 416R1           | 2CMA193167R1000 | 10         | 0.19                |
|                     |  Green | > 50 V~   | >300...500 | 416R2           | 2CMA193160R1000 |            |                     |
|                     |  Red   | 346...415 | 50 and 60  | 416R6           | 2CMA193163R1000 |            |                     |
|                     |  Blue  | 208...250 |            | 416R9           | 2CMA193165R1000 |            |                     |



### Dimensions (mm)

| Type   | C     | C1    | D  | D2 | E  | E1 | H  |
|--------|-------|-------|----|----|----|----|----|
| 216R.. | 44-47 | 44-47 | 49 | 56 | 56 | 29 | 73 |
| 316R.. | 50-52 | 50-52 | 59 | 66 | 58 | 30 | 87 |
| 416R.. | 50-52 | 50-52 | 59 | 66 | 60 | 31 | 89 |

## Socket outlet


















for panel mounting with minimized angled flange, IP44

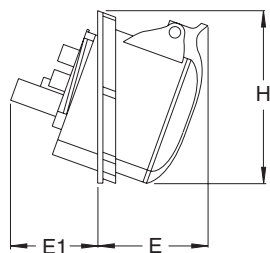
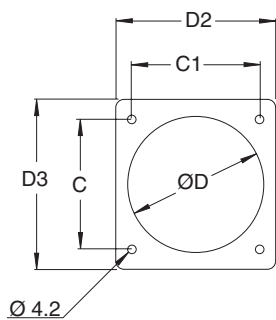


216RAM6

### 16 A. Splashproof

Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency  | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|---|-----------|------------|----------|-----------------|------------|-------------------------|
|                     |   | V         | Hz         |          |                 |            | kg                      |
| 2P+E                |   |           |            |          |                 |            |                         |
| 3                   |  Grey    |           | AC         | 216RAM1  | 2CMA170007R1000 | 10         | 0.21                    |
|                     |  Yellow  | 100...130 | 50 and 60  | 216RAM4  | 2CMA170003R1000 |            |                         |
|                     |  Blue    | 200...250 |            | 216RAM6  | 2CMA170004R1000 |            |                         |
|                     |  Red     | 380...415 |            | 216RAM9  | 2CMA170005R1000 |            |                         |
|                     |  Grey    | transf.   |            | 216RAM12 | 2CMA170006R1000 |            |                         |
| 3P+E                |   |           |            |          |                 |            |                         |
| 4                   |  Grey    |           | AC         | 316RAM1  | 2CMA170017R1000 | 10         | 0.22                    |
|                     |  Yellow  | 100...130 | 50 and 60  | 316RAM4  | 2CMA170010R1000 |            |                         |
|                     |  Black   | 600...690 |            | 316RAM5  | 2CMA170011R1000 |            |                         |
|                     |  Red     | 380...415 |            | 316RAM6  | 2CMA170012R1000 |            |                         |
|                     |  Black | 480...500 |            | 316RAM7  | 2CMA170013R1000 |            |                         |
|                     |  Blue  | 200...250 |            | 316RAM9  | 2CMA170014R1000 |            |                         |
|                     |  Green | > 50 V~   | 100...300  | 316RAM10 | 2CMA170015R1000 |            |                         |
|                     |  Red   | 440...460 | 60         | 316RAM11 | 2CMA170016R1000 |            |                         |
| 3P+N+E              |   |           |            |          |                 |            |                         |
| 5                   |  Grey  |           | AC         | 416RAM1  | 2CMA170025R1000 | 10         | 0.24                    |
|                     |  Green | > 50 V~   | >300...500 | 416RAM2  | 2CMA170018R1000 |            |                         |
|                     |  Red   | 346...415 | 50 and 60  | 416RAM6  | 2CMA170021R1000 |            |                         |
|                     |  Blue  | 208...250 |            | 416RAM9  | 2CMA170023R1000 |            |                         |



### Dimensions (mm)

| Type     | C  | C1 | D  | D2 | D3 | E  | E1 | H  |
|----------|----|----|----|----|----|----|----|----|
| 216RAM.. | 55 | 55 | 63 | 70 | 78 | 53 | 42 | 76 |
| 316RAM.. | 66 | 66 | 78 | 83 | 89 | 53 | 46 | 85 |
| 416RAM.. | 66 | 66 | 78 | 83 | 89 | 55 | 48 | 89 |












# Socket outlet

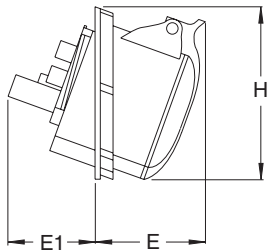
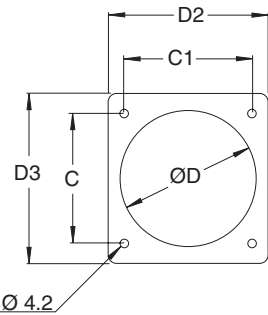
for panel mounting with minimized angled flange, IP44



332RAM6

**32 A. Splashproof**  
Housing in plastic (PA). Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage    | Frequency | Type    | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--|------------|-----------|---------|-----------------|------------|-------------------------|
|                     |  | V          | Hz        |         |                 |            | kg                      |
| 2P+E                |  |            |           |         |                 |            |                         |
| 3                   |  Grey   |            | AC        | 232RAM1 | 2CMA170030R1000 | 10         | 0.21                    |
|                     |  Grey   | > 50...250 | DC        | 232RAM3 | 2CMA100856R1000 |            |                         |
|                     |  Yellow | 100...130  | 50 and 60 | 232RAM4 | 2CMA170026R1000 |            |                         |
|                     |  Blue   | 200...250  |           | 232RAM6 | 2CMA170027R1000 |            |                         |
| 3P+E                |  |            |           |         |                 |            |                         |
| 4                   |  Grey   |            | AC        | 332RAM1 | 2CMA170040R1000 | 10         | 0.22                    |
|                     |  Black  | 600...690  | 50 and 60 | 332RAM5 | 2CMA170034R1000 |            |                         |
|                     |  Red    | 380...415  |           | 332RAM6 | 2CMA170035R1000 |            |                         |
|                     |  Black  | 480...500  |           | 332RAM7 | 2CMA170036R1000 |            |                         |
|                     |  Blue   | 200...250  |           | 332RAM9 | 2CMA170037R1000 |            |                         |
| 3P+N+E              |  |            |           |         |                 |            |                         |
| 5                   |  Grey |            | AC        | 432RAM1 | 2CMA170048R1000 | 10         | 0.24                    |
|                     |  Red  | 346...415  | 50 and 60 | 432RAM6 | 2CMA170044R1000 |            |                         |



Dimensions (mm)

| Type      | C  | C1 | D  | D2 | D3 | E  | E1 | H   |
|-----------|----|----|----|----|----|----|----|-----|
| 232RAM... | 75 | 75 | 87 | 93 | 99 | 61 | 52 | 98  |
| 332RAM... | 75 | 75 | 87 | 93 | 99 | 61 | 52 | 98  |
| 432RAM... | 75 | 75 | 87 | 93 | 99 | 64 | 52 | 101 |

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## Watertight Easy & Safe

Our IP67 Easy & Safe is a perfect choice in most applications where water and dirt can occur. They combine easy access to contact parts during installation with high protection degree while the products are in use. Electrical contacts protected against liquids and dirt retains its performance over time. High contact performance means reliability, reducing downtime and lowers maintenance costs.



## Plugs


















IP67

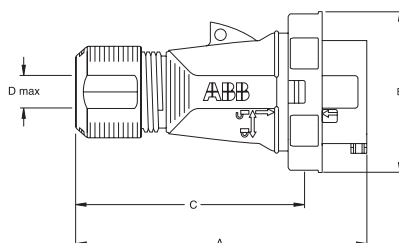


216EP6W

### 16 A. Watertight

Housing in plastic (PA). Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |          |                 |            |                               |
| 3                   |  Grey     |              | AC              | 216EP1W  | 2CMA101069R1000 | 10         | 0.13                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 216EP4W  | 2CMA101071R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 216EP6W  | 2CMA101072R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 216EP9W  | 2CMA101073R1000 |            |                               |
|                     |  Grey     | transf       |                 | 216EP12W | 2CMA101074R1000 |            |                               |
| 3P+E                |  |              |                 |          |                 |            |                               |
| 4                   |  Grey     |              | AC              | 316EP1W  | 2CMA101075R1000 | 10         | 0.19                          |
|                     |  Green    | > 50 V~      | >300...500      | 316EP2W  | 2CMA101076R1000 |            |                               |
|                     |  Red      | 380/440      | 50/60           | 316EP3W  | 2CMA101077R1000 |            |                               |
|                     |  Yellow   | 100...130    | 50 and 60       | 316EP4W  | 2CMA101078R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 316EP5W  | 2CMA101079R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 316EP6W  | 2CMA101080R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 316EP7W  | 2CMA101081R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316EP9W  | 2CMA101082R1000 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 316EP10W | 2CMA101083R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 316EP11W | 2CMA101084R1000 |            |                               |
| 3P+N+E              |  |              |                 |          |                 |            |                               |
| 5                   |  Grey   |              | AC              | 416EP1W  | 2CMA101085R1000 | 10         | 0.21                          |
|                     |  Green  | > 50 V~      | >300...500      | 416EP2W  | 2CMA101086R1000 |            |                               |
|                     |  Red    | 380...440    | 50/60           | 416EP3W  | 2CMA101087R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 416EP4W  | 2CMA101088R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 416EP6W  | 2CMA101089R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 416EP7W  | 2CMA101090R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 416EP9W  | 2CMA101091R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 416EP11W | 2CMA101092R1000 |            |                               |



Dimensions (mm)

| Type      | A   | B  | C   | Dmax |
|-----------|-----|----|-----|------|
| 216EP...W | 134 | 73 | 100 | 14   |
| 316EP...W | 161 | 81 | 127 | 17   |
| 416EP...W | 158 | 87 | 125 | 17   |



## Plugs

























### IP67

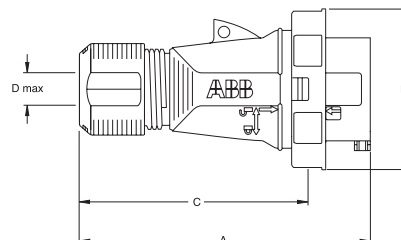


432EP6W

#### 32 A. Watertight

Housing in plastic (PA). Cable entry with compression gland. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage    | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|------------|------------|-----------------|-----------------|------------|---------------------|
|                     |  | V          | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |            |            |                 |                 |            |                     |
| 3                   |  Grey     |            | AC         | 232EP1W         | 2CMA101093R1000 | 10         | 0.23                |
|                     |  Grey     | > 50...250 | DC         | 232EP3W         | 2CMA105987R1000 |            |                     |
|                     |  Yellow   | 100...130  | 50 and 60  | 232EP4W         | 2CMA101094R1000 |            |                     |
|                     |  Blue     | 200...250  |            | 232EP6W         | 2CMA101095R1000 |            |                     |
|                     |  Red      | 380...415  |            | 232EP9W         | 2CMA101096R1000 |            |                     |
|                     |  Grey     | transf     |            | 232EP12W        | 2CMA101097R1000 |            |                     |
| 3P+E                |  |            |            |                 |                 |            |                     |
| 4                   |  Grey     |            | AC         | 332EP1W         | 2CMA101098R1000 | 10         | 0.25                |
|                     |  Green    | > 50 V~    | >300...500 | 332EP2W         | 2CMA101099R1000 |            |                     |
|                     |  Red      | 380/440    | 50/60      | 332EP3W         | 2CMA101100R1000 |            |                     |
|                     |  Yellow | 100...130  | 50 and 60  | 332EP4W         | 2CMA101101R1000 |            |                     |
|                     |  Black  | 600...690  |            | 332EP5W         | 2CMA101102R1000 |            |                     |
|                     |  Red    | 380...415  |            | 332EP6W         | 2CMA101103R1000 |            |                     |
|                     |  Black  | 480...500  |            | 332EP7W         | 2CMA101104R1000 |            |                     |
|                     |  Blue   | 200...250  | 332EP9W    | 2CMA101105R1000 |                 |            |                     |
|                     |  Green  | 100...300  | >50        | 332EP10W        | 2CMA101106R1000 |            |                     |
|                     |  Red    | 440...460  | 60         | 332EP11W        | 2CMA101107R1000 |            |                     |
| 3P+N+E              |  |            |            |                 |                 |            |                     |
| 5                   |  Grey   |            | AC         | 432EP1W         | 2CMA101108R1000 | 10         | 0.25                |
|                     |  Green  | > 50 V~    | >300...500 | 432EP2W         | 2CMA101109R1000 |            |                     |
|                     |  Red    | 380...440  | 50/60      | 432EP3W         | 2CMA101110R1000 |            |                     |
|                     |  Yellow | 100...130  | 50 and 60  | 432EP4W         | 2CMA101111R1000 |            |                     |
|                     |  Red    | 346...415  |            | 432EP6W         | 2CMA101112R1000 |            |                     |
|                     |  Black  | 480...500  |            | 432EP7W         | 2CMA101113R1000 |            |                     |
|                     |  Blue   | 208...250  |            | 432EP9W         | 2CMA101114R1000 |            |                     |
|                     |  Red    | 440...460  | 60         | 432EP11W        | 2CMA101115R1000 |            |                     |



Dimensions (mm)

| Type      | A   | B  | C   | Dmax |
|-----------|-----|----|-----|------|
| 232EP...W | 183 | 91 | 141 | 22   |
| 332EP...W | 183 | 91 | 141 | 22   |
| 432EP...W | 183 | 99 | 141 | 22   |

## Connectors





















IP67

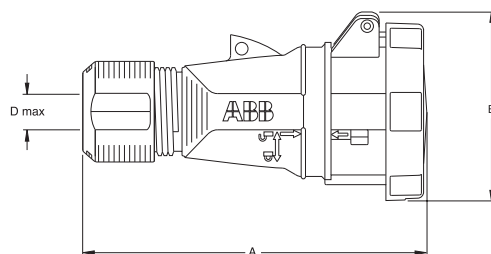


216EC6W

### 16 A. Watertight

Housing in plastic (PA). Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |          |                 |            |                               |
| 3                   |  Grey     |              | AC              | 216EC1W  | 2CMA101116R1000 | 10         | 0.17                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 216EC4W  | 2CMA101118R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 216EC6W  | 2CMA101119R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 216EC9W  | 2CMA101120R1000 |            |                               |
|                     |  Grey     | transf       |                 | 216EC12W | 2CMA101121R1000 |            |                               |
| 3P+E                |  |              |                 |          |                 |            |                               |
| 4                   |  Grey     |              | AC              | 316EC1W  | 2CMA101122R1000 | 10         | 0.23                          |
|                     |  Green    | > 50 V~      | >300...500      | 316EC2W  | 2CMA101123R1000 |            |                               |
|                     |  Red      | 380/440      | 50/60           | 316EC3W  | 2CMA101124R1000 |            |                               |
|                     |  Yellow   | 100...130    | 50 and 60       | 316EC4W  | 2CMA101125R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 316EC5W  | 2CMA101126R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 316EC6W  | 2CMA101127R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 316EC7W  | 2CMA101128R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316EC9W  | 2CMA101129R1000 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 316EC10W | 2CMA101130R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 316EC11W | 2CMA101131R1000 |            |                               |
| 3P+N+E              |  |              |                 |          |                 |            |                               |
| 5                   |  Grey   |              | AC              | 416EC1W  | 2CMA101132R1000 | 10         | 0.26                          |
|                     |  Green  | > 50 V~      | >300...500      | 416EC2W  | 2CMA101133R1000 |            |                               |
|                     |  Red    | 380...440    | 50/60           | 416EC3W  | 2CMA101134R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 416EC4W  | 2CMA101135R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 416EC6W  | 2CMA101136R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 416EC7W  | 2CMA101137R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 416EC9W  | 2CMA101138R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 416EC11W | 2CMA101139R1000 |            |                               |



Dimensions (mm)

| Type      | A   | B  | Dmax |
|-----------|-----|----|------|
| 216EC...W | 146 | 81 | 14   |
| 316EC...W | 169 | 88 | 17   |
| 416EC...W | 169 | 92 | 17   |

## Connectors
























IP67

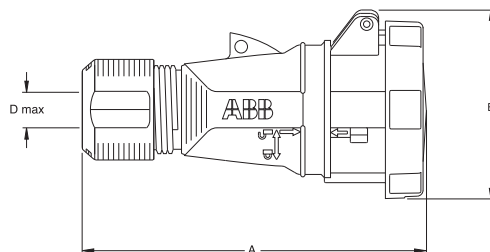


432EC6W

### 32 A. Watertight

Housing in plastic (PA). Cable entry with compression gland. Cable area 2.5...6 mm²

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |          |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232EC1W  | 2CMA101140R1000 | 10         | 0.28                |
|                     |  Yellow   | 100...130 | 50 and 60  | 232EC4W  | 2CMA101141R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232EC6W  | 2CMA101142R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232EC9W  | 2CMA101143R1000 |            |                     |
|                     |  Grey     | transf    |            | 232EC12W | 2CMA101144R1000 |            |                     |
| 3P+E                |  |           |            |          |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332EC1W  | 2CMA101145R1000 | 10         | 0.30                |
|                     |  Green    | > 50 V~   | >300...500 | 332EC2W  | 2CMA101146R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332EC3W  | 2CMA101147R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 332EC4W  | 2CMA101148R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332EC5W  | 2CMA101149R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332EC6W  | 2CMA101150R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332EC7W  | 2CMA101151R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332EC9W  | 2CMA101152R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332EC10W | 2CMA101153R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332EC11W | 2CMA101154R1000 |            |                     |
| 3P+N+E              |  |           |            |          |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432EC1W  | 2CMA101155R1000 | 10         | 0.30                |
|                     |  Green  | > 50 V~   | >300...500 | 432EC2W  | 2CMA101156R1000 |            |                     |
|                     |  Red    | 380...440 | 50/60      | 432EC3W  | 2CMA101157R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432EC4W  | 2CMA101158R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432EC6W  | 2CMA101159R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432EC7W  | 2CMA101160R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432EC9W  | 2CMA101161R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432EC11W | 2CMA101162R1000 |            |                     |



#### Dimensions (mm)

| Type      | A   | B   | Dmax |
|-----------|-----|-----|------|
| 232EC...W | 195 | 98  | 22   |
| 332EC...W | 195 | 98  | 22   |
| 432EC...W | 195 | 104 | 22   |

## Inlets





















for wall mounting, IP67

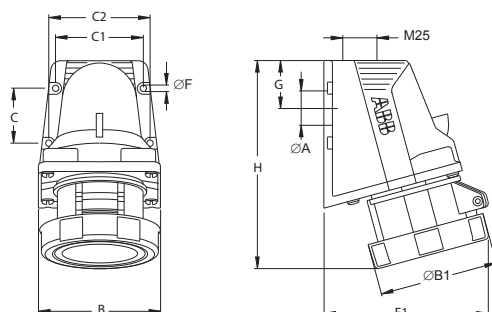


216EBS6W

### 16 A. Watertight

Housing in plastic (PA). Cable gland included. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type      | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|-----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |           |                 |            |                               |
| 3                   |  Grey     |              | AC              | 216EBS1W  | 2CMA101163R1000 | 10         | 0.20                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 216EBS4W  | 2CMA101165R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 216EBS6W  | 2CMA101166R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 216EBS9W  | 2CMA101167R1000 |            |                               |
|                     |  Grey     | transf       |                 | 216EBS12W | 2CMA101168R1000 |            |                               |
| 3P+E                |  |              |                 |           |                 |            |                               |
| 4                   |  Grey     |              | AC              | 316EBS1W  | 2CMA101169R1000 | 10         | 0.23                          |
|                     |  Green    | > 50 V~      | >300...500      | 316ESB2W  | 2CMA101170R1000 |            |                               |
|                     |  Red      | 380/440      | 50/60           | 316EBS3W  | 2CMA101171R1000 |            |                               |
|                     |  Yellow   | 100...130    | 50 and 60       | 316EBS4W  | 2CMA101172R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 316EBS5W  | 2CMA101173R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 316EBS6W  | 2CMA101174R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 316EBS7W  | 2CMA101175R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316EBS9W  | 2CMA101176R1000 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 316EBS10W | 2CMA101177R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 316EBS11W | 2CMA101178R1000 |            |                               |
| 3P+N+E              |  |              |                 |           |                 |            |                               |
| 5                   |  Grey   |              | AC              | 416EBS1W  | 2CMA101179R1000 | 10         | 0.25                          |
|                     |  Green  | > 50 V~      | >300...500      | 416EBS2W  | 2CMA101180R1000 |            |                               |
|                     |  Red    | 380...440    | 50/60           | 416EBS3W  | 2CMA101181R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 416EBS4W  | 2CMA101182R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 416EBS6W  | 2CMA101183R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 416EBS7W  | 2CMA101184R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 416EBS9W  | 2CMA101185R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 416EBS11W | 2CMA101186R1000 |            |                               |



### Dimensions (mm)

| Type       | A  | B    | C  | C1   | C2   | E1  | ØF  | G     | H   |
|------------|----|------|----|------|------|-----|-----|-------|-----|
| 216EBS...W | 25 | 88.5 | 40 | 63.5 | 73.5 | 112 | 4.5 | 34.75 | 135 |
| 316EBS...W | 25 | 88.5 | 40 | 63.5 | 73.5 | 108 | 4.5 | 34.75 | 138 |
| 416EBS...W | 25 | 88.5 | 40 | 63.5 | 73.5 | 112 | 4.5 | 34.75 | 140 |

## Inlets
























for wall mounting, IP67

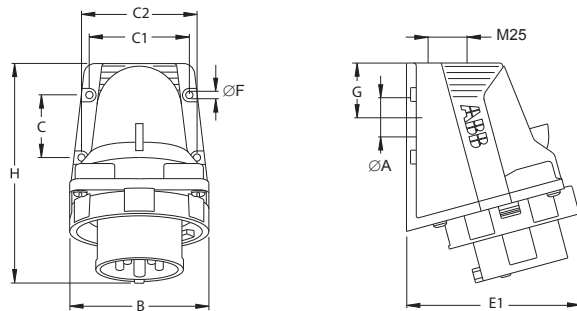


432EBS6W

### 32 A. Watertight

Housing in plastic (PA). Cable gland included. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |           |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232EBS1W  | 2CMA101187R1000 | 10         | 0.26                |
|                     |  Yellow   | 100...130 | 50 and 60  | 232EBS4W  | 2CMA101188R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232EBS6W  | 2CMA101189R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232EBS9W  | 2CMA101190R1000 |            |                     |
|                     |  Grey     | transf    |            | 232EBS12W | 2CMA101191R1000 |            |                     |
| 3P+E                |  |           |            |           |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332EBS1W  | 2CMA101192R1000 | 10         | 0.27                |
|                     |  Green    | > 50 V~   | >300...500 | 332EBS2W  | 2CMA101193R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332EBS3W  | 2CMA101194R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 332EBS4W  | 2CMA101195R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332EBS5W  | 2CMA101196R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332EBS6W  | 2CMA101197R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332EBS7W  | 2CMA101198R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332EBS9W  | 2CMA101199R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332EBS10W | 2CMA101200R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332EBS11W | 2CMA101201R1000 |            |                     |
| 3P+N+E              |  |           |            |           |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432EBS1W  | 2CMA101202R1000 | 10         | 0.28                |
|                     |  Green  | > 50 V~   | >300...500 | 432EBS2W  | 2CMA101203R1000 |            |                     |
|                     |  Red    | 380...440 | 50/60      | 432EBS3W  | 2CMA101204R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432EBS4W  | 2CMA101205R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432EBS6W  | 2CMA101206R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432EBS7W  | 2CMA101207R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432EBS9W  | 2CMA101208R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432EBS11W | 2CMA101209R1000 |            |                     |

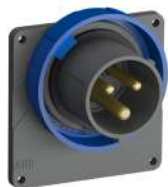


### Dimensions (mm)

| Type       | A  | B  | C  | C1   | C2   | E1  | ØF  | G     | H   |
|------------|----|----|----|------|------|-----|-----|-------|-----|
| 232EBS...W | 25 | 91 | 40 | 63.5 | 73.5 | 106 | 4.5 | 34.75 | 150 |
| 332EBS...W | 25 | 91 | 40 | 63.5 | 73.5 | 106 | 4.5 | 34.75 | 150 |
| 432EBS...W | 25 | 99 | 40 | 63.5 | 73.5 | 110 | 4.5 | 34.75 | 152 |

## Inlets


















for panel mounting with unified straight flange, IP67

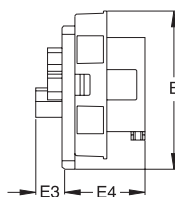
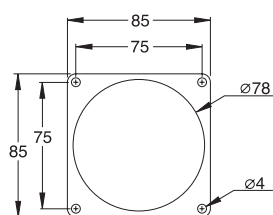


216EBU6W

### 16 A. Watertight

Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |           |                 |            |                     |
| 3                   |  Grey     |           | AC        | 216EBU1W  | 2CMA101257R1000 | 10         | 0.11                |
|                     |  Yellow   | 100...130 | 50 and 60 | 216EBU4W  | 2CMA101258R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 216EBU6W  | 2CMA101259R1000 |            |                     |
|                     |  Red      | 380...415 |           | 216EBU9W  | 2CMA101260R1000 |            |                     |
| 3P+E                |  |           |           |           |                 |            |                     |
| 4                   |  Grey     |           | AC        | 316EBU1W  | 2CMA101261R1000 | 10         | 0.14                |
|                     |  Yellow   | 100...130 | 50 and 60 | 316EBU4W  | 2CMA101262R1000 |            |                     |
|                     |  Black    | 600...690 |           | 316EBU5W  | 2CMA101263R1000 |            |                     |
|                     |  Red      | 380...415 |           | 316EBU6W  | 2CMA101264R1000 |            |                     |
|                     |  Black    | 480...500 |           | 316EBU7W  | 2CMA101265R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 316EBU9W  | 2CMA101266R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 316EBU11W | 2CMA101267R1000 |            |                     |
|                     |  |           |           |           |                 |            |                     |
| 3P+N+E              |  |           |           |           |                 |            |                     |
| 5                   |  Grey   |           | AC        | 416EBU1W  | 2CMA101268R1000 | 10         | 0.16                |
|                     |  Yellow | 100...130 | 50 and 60 | 416EBU4W  | 2CMA101269R1000 |            |                     |
|                     |  Red    | 346...415 |           | 416EBU6W  | 2CMA101270R1000 |            |                     |
|                     |  Black  | 480...500 |           | 416EBU7W  | 2CMA101271R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 416EBU9W  | 2CMA101812R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 416EBU11W | 2CMA101272R1000 |            |                     |



### Dimensions (mm)

| Type       | B    | E3 | E4   |
|------------|------|----|------|
| 216EBU...W | 94   | 17 | 48.5 |
| 316EBU...W | 90   | 17 | 48.5 |
| 416EBU...W | 93.5 | 17 | 48.5 |

## Inlets


















for panel mounting with unified straight flange, IP67

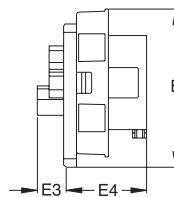
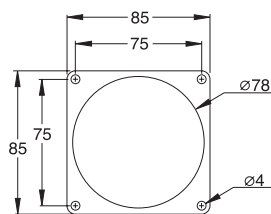


432EBU6W

### 32 A. Watertight

Housing in plastic (PA). Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |           |                 |            |                     |
| 3                   |  Grey     |           | AC        | 232EBU1W  | 2CMA101273R1000 | 10         | 0.17                |
|                     |  Yellow   | 100...130 | 50 and 60 | 232EBU4W  | 2CMA101274R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 232EBU6W  | 2CMA101275R1000 |            |                     |
|                     |  Red      | 380...415 |           | 232EBU9W  | 2CMA101813R1000 |            |                     |
| 3P+E                |  |           |           |           |                 |            |                     |
| 4                   |  Grey     |           | AC        | 332EBU1W  | 2CMA101276R1000 | 10         | 0.18                |
|                     |  Red      | 380/440   | 50/60     | 332EBU3W  | 2CMA101277R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60 | 332EBU4W  | 2CMA101278R1000 |            |                     |
|                     |  Red      | 380...415 |           | 332EBU6W  | 2CMA101279R1000 |            |                     |
|                     |  Black    | 480...500 |           | 332EBU7W  | 2CMA101280R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332EBU9W  | 2CMA101281R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 332EBU11W | 2CMA101282R1000 |            |                     |
| 3P+N+E              |  |           |           |           |                 |            |                     |
| 5                   |  Grey   |           | AC        | 432EBU1W  | 2CMA101283R1000 | 10         | 0.19                |
|                     |  Yellow | 100...130 | 50 and 60 | 432EBU4W  | 2CMA101284R1000 |            |                     |
|                     |  Red    | 346...415 |           | 432EBU6W  | 2CMA101285R1000 |            |                     |
|                     |  Black  | 480...500 |           | 432EBU7W  | 2CMA101286R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432EBU9W  | 2CMA101287R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 432EBU11W | 2CMA101288R1000 |            |                     |



### Dimensions (mm)

| Type       | B  | E3 | E4 |
|------------|----|----|----|
| 232EBU...W | 91 | 16 | 58 |
| 332EBU...W | 91 | 16 | 58 |
| 432EBU...W | 99 | 16 | 58 |

## Socket outlet















for wall mounting, IP67

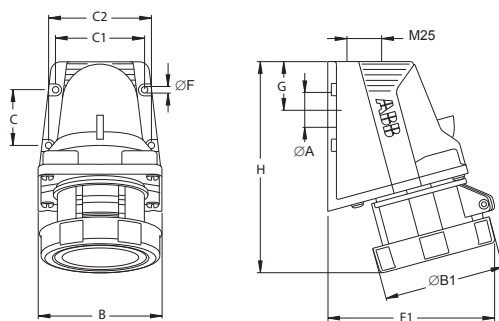


216ERS6W

### 16 A. Watertight

Housing in plastic (PA). Cable gland included. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type      | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|-----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |           |                 |            |                               |
| 3                   |  Grey     |              | AC              | 216ERS1W  | 2CMA101210R1000 | 10         | 0.24                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 216ERS4W  | 2CMA101212R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 216ERS6W  | 2CMA101213R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 216ERS9W  | 2CMA101214R1000 |            |                               |
|                     |  Grey     | transf       |                 | 216ERS12W | 2CMA101215R1000 |            |                               |
| 3P+E                |  |              |                 |           |                 |            |                               |
| 4                   |  Grey     |              | AC              | 316ERS1W  | 2CMA101216R1000 | 10         | 0.27                          |
|                     |  Green    | > 50 V~      | >300...500      | 316ERB2W  | 2CMA101217R1000 |            |                               |
|                     |  Red      | 380/440      | 50/60           | 316ERS3W  | 2CMA101218R1000 |            |                               |
|                     |  Yellow   | 100...130    | 50 and 60       | 316ERS4W  | 2CMA101219R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 316ERS5W  | 2CMA101220R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 316ERS6W  | 2CMA101221R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 316ERS7W  | 2CMA101222R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316ERS9W  | 2CMA101223R1000 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 316ERS10W | 2CMA101224R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 316ERS11W | 2CMA101225R1000 |            |                               |
| 3P+N+E              |  |              |                 |           |                 |            |                               |
| 5                   |  Grey   |              | AC              | 416ERS1W  | 2CMA101226R1000 | 10         | 0.30                          |
|                     |  Green  | > 50 V~      | >300...500      | 416ERS2W  | 2CMA101227R1000 |            |                               |
|                     |  Red    | 380...440    | 50/60           | 416ERS3W  | 2CMA101228R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 416ERS4W  | 2CMA101229R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 416ERS6W  | 2CMA101230R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 416ERS7W  | 2CMA101231R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 416ERS9W  | 2CMA101232R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 416ERS11W | 2CMA101233R1000 |            |                               |



Dimensions (mm)

| Type       | A  | B    | ØB1 | C  | C1   | C2   | E1  | ØF  | G     | H   |
|------------|----|------|-----|----|------|------|-----|-----|-------|-----|
| 216ERS...W | 25 | 88.5 | 73  | 40 | 63.5 | 73.5 | 112 | 4.5 | 34.75 | 147 |
| 316ERS...W | 25 | 88.5 | 81  | 40 | 63.5 | 73.5 | 117 | 4.5 | 34.75 | 150 |
| 416ERS...W | 25 | 88.5 | 87  | 40 | 63.5 | 73.5 | 119 | 4.5 | 34.75 | 151 |



## Socket outlet
























for wall mounting, IP67

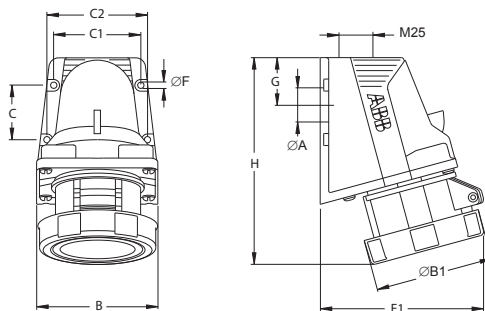


432ERS6W

### 32 A. Watertight

Housing in plastic (PA). Cable gland included. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |           |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232ERS1W  | 2CMA101234R1000 | 10         | 0.31                |
|                     |  Yellow   | 100...130 | 50 and 60  | 232ERS4W  | 2CMA101235R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232ERS6W  | 2CMA101236R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232ERS9W  | 2CMA101237R1000 |            |                     |
|                     |  Grey     | transf    |            | 232ERS12W | 2CMA101238R1000 |            |                     |
| 3P+E                |  |           |            |           |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332ERS1W  | 2CMA101239R1000 | 10         | 0.32                |
|                     |  Green    | > 50 V~   | >300...500 | 332ERS2W  | 2CMA101240R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332ERS3W  | 2CMA101241R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 332ERS4W  | 2CMA101242R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332ERS5W  | 2CMA101243R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332ERS6W  | 2CMA101244R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332ERS7W  | 2CMA101245R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332ERS9W  | 2CMA101246R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332ERS10W | 2CMA101248R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332ERS11W | 2CMA101247R1000 |            |                     |
| 3P+N+E              |  |           |            |           |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432ERS1W  | 2CMA101249R1000 | 10         | 0.32                |
|                     |  Green  | > 50 V~   | >300...500 | 432ERS2W  | 2CMA101250R1000 |            |                     |
|                     |  Red    | 380...440 | 50/60      | 432ERS3W  | 2CMA101251R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432ERS4W  | 2CMA101252R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432ERS6W  | 2CMA101253R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432ERS7W  | 2CMA101254R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432ERS9W  | 2CMA101255R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432ERS11W | 2CMA101256R1000 |            |                     |



### Dimensions (mm)

| Type       | A  | B    | ØB1 | C  | C1   | C2   | E1  | ØF  | G     | H   |
|------------|----|------|-----|----|------|------|-----|-----|-------|-----|
| 232ERS...W | 25 | 88.5 | 91  | 40 | 63.5 | 73.5 | 117 | 4.5 | 34.75 | 163 |
| 332ERS...W | 25 | 88.5 | 91  | 40 | 63.5 | 73.5 | 117 | 4.5 | 34.75 | 163 |
| 432ERS...W | 25 | 88.5 | 99  | 40 | 63.5 | 73.5 | 120 | 4.5 | 34.75 | 164 |

## Socket outlet




















for wall mounting, IP67

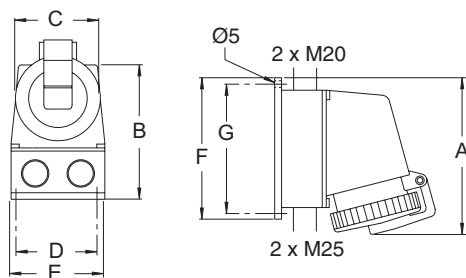


216ERT6W

### 16 A. Watertight

Housing in plastic (PBT). Cable entry with knock-outs 2xM20 on top and 2xM25 on bottom. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type            | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|-----------------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |                 |                 |            |                               |
| 3                   |  Yellow   | 100...130    | 50 and 60       | 216ERT4W        | 2CMA101728R1000 | 1          | 0.33                          |
|                     |  Blue     | 200...250    |                 | 216ERT6W        | 2CMA101729R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 216ERT9W        | 2CMA101776R1000 |            |                               |
|                     |  Grey     | transf.      |                 | 216ERT12W       | 2CMA101777R1000 |            |                               |
| 3P+E                |  |              |                 |                 |                 |            |                               |
| 4                   |  Green    | > 50 V~      | >300...500      | 316ERT2W        | 2CMA101778R1000 | 1          | 0.35                          |
|                     |  Yellow   | 100...130    |                 | 316ERT4W        | 2CMA101779R1000 |            |                               |
|                     |  Black    | 600...690    |                 | 316ERT5W        | 2CMA101780R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 316ERT6W        | 2CMA101730R1000 |            |                               |
|                     |  Black    | 480...500    |                 | 316ERT7W        | 2CMA101781R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316ERT9W        | 2CMA101731R1000 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 316ERT10W       | 2CMA101782R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 316ERT11W       | 2CMA101732R1000 |            |                               |
|                     |  Grey   | transf.      | 316ERT12W       | 2CMA101783R1000 |                 |            |                               |
|                     | 3P+N+E   |              |                 |                 |                 |            |                               |
| 5                   |  Yellow | 100...130    | 50 and 60       | 416ERT4W        | 2CMA101784R1000 | 1          | 0.39                          |
|                     |  Red    | 346...415    |                 | 416ERT6W        | 2CMA101733R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 416ERT7W        | 2CMA101785R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 416ERT9W        | 2CMA101786R1000 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 416ERT10W       | 2CMA101787R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 416ERT11W       | 2CMA101788R1000 |            |                               |
|                     |  |              |                 |                 |                 |            |                               |



### Dimensions (mm)

| Type                    | A   | B   | C  | D  | E  | F   | G   |
|-------------------------|-----|-----|----|----|----|-----|-----|
| 216ERT...W...416ERT...W | 134 | 139 | 82 | 71 | 80 | 120 | 111 |

## Socket outlet

















for wall mounting, IP67

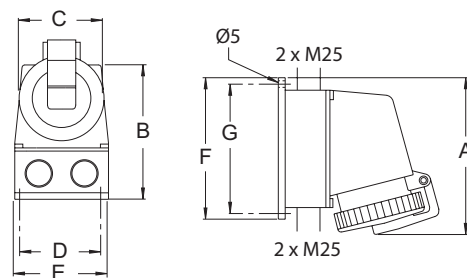


432ERT6W

### 32 A. Watertight

Housing in plastic (PBT). Cable entry with knock-outs 2xM20 on bottom and 2xM25 on top. Cable area 2.5...10 mm²

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |                 |                 |            |                     |
| 3                   |  Yellow   | 100...130 | 50 and 60  | 232ERT4W        | 2CMA101790R1000 | 1          | 0.37                |
|                     |  Blue     | 200...250 |            | 232ERT6W        | 2CMA101791R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232ERT9W        | 2CMA101792R1000 |            |                     |
|                     |  Grey     | transf.   |            | 232ERT12W       | 2CMA101793R1000 |            |                     |
| 3P+E                |  |           |            |                 |                 |            |                     |
| 4                   |  Green    | > 50 V~   | >300...500 | 332ERT2W        | 2CMA101794R1000 | 1          | 0.42                |
|                     |  Red      | 380/440   |            | 332ERT3W        | 2CMA101734R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 332ERT4W        | 2CMA101795R1000 |            |                     |
|                     |  Black    | 600...690 |            | 332ERT5W        | 2CMA101796R1000 |            |                     |
|                     |  Red      | 380...415 |            | 332ERT6W        | 2CMA101735R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332ERT7W        | 2CMA101797R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332ERT9W        | 2CMA101736R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332ERT10W       | 2CMA101798R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332ERT11W       | 2CMA101737R1000 |            |                     |
|                     |  Grey   | transf.   | 332ERT12W  | 2CMA101799R1000 |                 |            |                     |
| 3P+N+E              |  |           |            |                 |                 |            |                     |
|                     |  Green  | > 50 V~   | >300...500 | 432ERT2W        | 2CMA101800R1000 | 1          | 0.47                |
|                     |  Yellow | 100...130 |            | 432ERT4W        | 2CMA101801R1000 |            |                     |
|                     |  Red    | 346...415 | 432ERT6W   | 2CMA101738R1000 |                 |            |                     |
|                     |  Black  | 480...500 | 432ERT7W   | 2CMA101802R1000 |                 |            |                     |
|                     |  Blue   | 208...250 | 432ERT9W   | 2CMA101803R1000 |                 |            |                     |
|                     |  Red    | 440...460 | 60         | 432ERT11W       | 2CMA101804R1000 |            |                     |
|                     |  |           |            |                 |                 |            |                     |



### Dimensions (mm)

| Type                    | A   | B   | C  | D  | E  | F   | G   |
|-------------------------|-----|-----|----|----|----|-----|-----|
| 232ERT...W...332ERT...W | 140 | 143 | 88 | 71 | 80 | 120 | 111 |
| 432ERT...W              | 142 | 146 | 95 | 71 | 80 | 120 | 111 |

## Socket outlet








for wall mounting, IP67

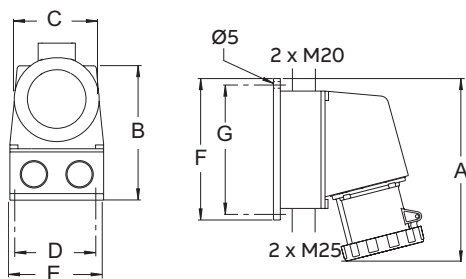


463ERT6W

### 63 A. Watertight

Housing in plastic (PBT). Cable entry with knock-outs 2 x M32/M40 + 1 x M20 on top. 1 x M20 + 1 x M32/M40 on bottom. Cable area 6...25 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|-----------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 3P+E                |   |           |           |           |                 |            |                     |
| 4                   |  Black | 600...690 | 50 and 60 | 363ERT5W  | 2CMA101898R1000 | 1          | 1.45                |
|                     |  Red   | 380...415 |           | 363ERT6W  | 2CMA101899R1000 |            |                     |
|                     |  Black | 480...500 |           | 363ERT7W  | 2CMA101900R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 363ERT9W  | 2CMA101901R1000 |            |                     |
|                     |  Red   | 440...460 | 60        | 363ERT11W | 2CMA101902R1000 |            |                     |
| 3P+N+E              |   |           |           |           |                 |            |                     |
| 5                   |  Red   | 346...415 | 50 and 60 | 463ERT6W  | 2CMA101896R1000 | 1          | 1.55                |
|                     |  Blue  | 208...250 |           | 463ERT9W  | 2CMA101897R1000 |            |                     |



### Dimensions (mm)

| Type                    | A   | B   | C   | D   | E   | F   | G   |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|
| 263ERT...W...463ERT...W | 255 | 215 | 108 | 129 | 150 | 187 | 124 |

## Socket outlet


















for panel mounting with unified straight flange, IP67

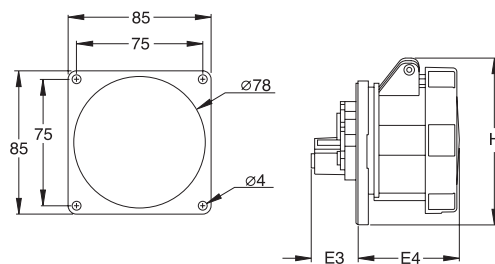


216ERU6W

### 16 A. Watertight

Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |           |                 |            |                     |
| 3                   |  Grey     |           | AC        | 216ERU1W  | 2CMA101289R1000 | 10         | 0.15                |
|                     |  Yellow   | 100...130 | 50 and 60 | 216ERU4W  | 2CMA101290R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 216ERU6W  | 2CMA101291R1000 |            |                     |
|                     |  Red      | 380...415 |           | 216ERU9W  | 2CMA101292R1000 |            |                     |
| 3P+E                |  |           |           |           |                 |            |                     |
| 4                   |  Grey     |           | AC        | 316ERU1W  | 2CMA101293R1000 | 10         | 0.18                |
|                     |  Yellow   | 100...130 | 50 and 60 | 316ERU4W  | 2CMA101294R1000 |            |                     |
|                     |  Black    | 600...690 |           | 316ERU5W  | 2CMA101295R1000 |            |                     |
|                     |  Red      | 380...415 |           | 316ERU6W  | 2CMA101296R1000 |            |                     |
|                     |  Black    | 480...500 |           | 316ERU7W  | 2CMA101297R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316ERU9W  | 2CMA101298R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 316ERU11W | 2CMA101299R1000 |            |                     |
|                     | 3P+N+E   |           |           |           |                 |            |                     |
| 5                   |  Grey   |           | AC        | 416ERU1W  | 2CMA101300R1000 | 10         | 0.21                |
|                     |  Yellow | 100...130 | 50 and 60 | 416ERU4W  | 2CMA101301R1000 |            |                     |
|                     |  Red    | 346...415 |           | 416ERU6W  | 2CMA101302R1000 |            |                     |
|                     |  Black  | 480...500 |           | 416ERU7W  | 2CMA101303R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 416ERU9W  | 2CMA101304R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 416ERU11W | 2CMA101305R1000 |            |                     |
|                     |  |           |           |           |                 |            |                     |



### Dimensions (mm)

| Type       | B   | E3 | E4 |
|------------|-----|----|----|
| 216ERU...W | 103 | 27 | 60 |
| 316ERU...W | 98  | 28 | 60 |
| 416ERU...W | 99  | 28 | 60 |

## Socket outlet


















for panel mounting with unified straight flange, IP67

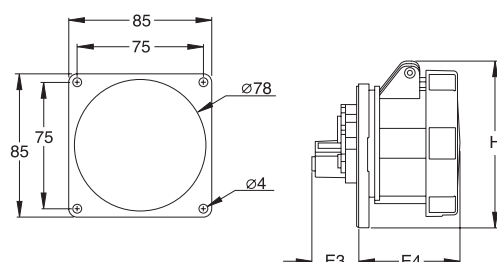


432ERU6W

### 32 A. Watertight

Housing in plastic (PA). Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |           |                 |            |                     |
| 3                   |  Grey     |           | AC        | 232ERU1W  | 2CMA101306R1000 | 10         | 0.22                |
|                     |  Yellow   | 100...130 | 50 and 60 | 232ERU4W  | 2CMA101307R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 232ERU6W  | 2CMA101308R1000 |            |                     |
|                     |  Red      | 380...415 |           | 232ERU9W  | 2CMA101309R1000 |            |                     |
| 3P+E                |  |           |           |           |                 |            |                     |
| 4                   |  Grey     |           | AC        | 332ERU1W  | 2CMA101310R1000 | 10         | 0.23                |
|                     |  Red      | 380/440   | 50/60     | 332ERU3W  | 2CMA101311R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60 | 332ERU4W  | 2CMA101312R1000 |            |                     |
|                     |  Red      | 380...415 |           | 332ERU6W  | 2CMA101313R1000 |            |                     |
|                     |  Black    | 480...500 |           | 332ERU7W  | 2CMA101314R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 332ERU9W  | 2CMA101315R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 332ERU11W | 2CMA101316R1000 |            |                     |
| 3P+N+E              |  |           |           |           |                 |            |                     |
| 5                   |  Grey   |           | AC        | 432ERU1W  | 2CMA101317R1000 | 10         | 0.23                |
|                     |  Yellow | 100...130 | 50 and 60 | 432ERU4W  | 2CMA101318R1000 |            |                     |
|                     |  Red    | 346...415 |           | 432ERU6W  | 2CMA101319R1000 |            |                     |
|                     |  Black  | 480...500 |           | 432ERU7W  | 2CMA101320R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432ERU9W  | 2CMA101321R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 432ERU11W | 2CMA101322R1000 |            |                     |



### Dimensions (mm)

| Type       | B   | E3 | E4 |
|------------|-----|----|----|
| 232ERU...W | 98  | 31 | 70 |
| 332ERU...W | 98  | 31 | 70 |
| 432ERU...W | 104 | 32 | 69 |


## Phase inverters

IP44



416EPFV6

**Phase Inverter Plug. 16A, IP44. Splashproof**  
Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight        |
|---------------------|---|-----------|-----------|----------|-----------------|------------|---------------|
|                     |   | V         | Hz        |          |                 |            | pkg<br>(1pce) |
|                     |   |           |           |          |                 |            | kg            |
| 3P+N+E              |   |           |           |          |                 |            |               |
| 5                   |  Red | 346...415 | 50 and 60 | 416EPFV6 | 2CMA106228R1000 | 10         | 0.19          |



416BUFV6

**Phase Inverter Panel mounted inlet with unified straight flange. 16A, IP44. Splashproof**  
Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

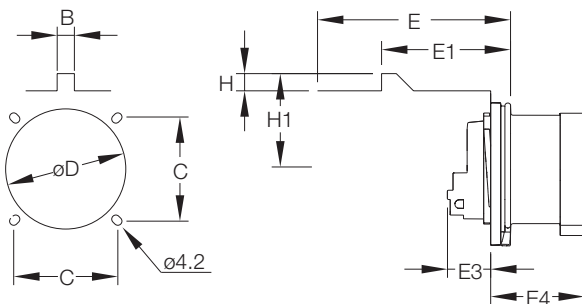
| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|-----------------|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |                 | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 3P+N+E              |                 |           |           |          |                 |            |                     |
| 5                   | <div></div> Red | 346...415 | 50 and 60 | 416BUFV6 | 2CMA168159R1000 | 10         | 0.19                |



416BSFV6

**Phase Inverter surface inlets for wall mounting. 16A, IP44. Splashproof**  
Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code             | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight        |
|---------------------|---------------------------|-----------|-----------|----------|-----------------|------------|---------------|
|                     |                           | V         | Hz        |          |                 |            | pkg<br>(1pce) |
|                     |                           |           |           |          |                 |            | kg            |
| 3P+N+E              |                           |           |           |          |                 |            |               |
| 5                   | <div><div></div>Red</div> | 346...415 | 50 and 60 | 416BSFV6 | 2CMA168169R1000 | 10         | 0.19          |

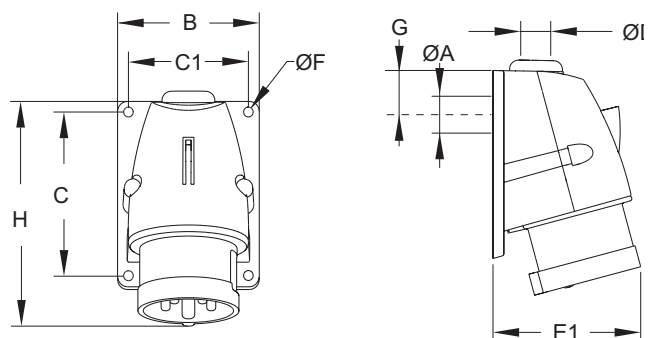
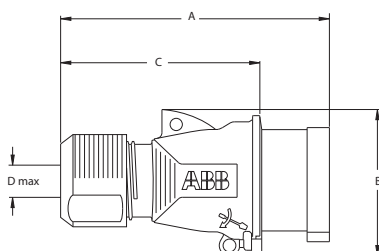


Dimensions (mm)

| Type     | B | C     | D  | E  | E1   | E3   | E4   | H | H1   |
|----------|---|-------|----|----|------|------|------|---|------|
| 416BUFV6 | 9 | 60-61 | 59 | 90 | 52.5 | 21.0 | 46.5 | 7 | 38.0 |

| Type     | A  | B  | C  | C1 | Dmax   | E1 | F   | G  | H   |
|----------|----|----|----|----|--------|----|-----|----|-----|
| 416EPFV6 | 23 | 66 | 75 | 54 | 18/M20 |    |     |    |     |
| 416BSFV6 | 23 | 79 | 91 | 67 | 18/M20 | 81 | 5.5 | 30 | 125 |



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# Industrial plugs and sockets for entertainment applications

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## Plugs



Type EP...B, 16 A...32 A, IP44

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## Connectors



Type EC...B, 16 A...32 A, IP44

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## Inlets



For wall mounting, Type BS...B  
16 A...32 A, IP44

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## Socket outlet



For wall mounting, Type RS...B  
16 A...32 A, IP44



For panel mounting with unified  
straight flange, Type RU...B  
16 A...32 A, IP44



For panel mounting with minimized  
angled flange, Type RAM...B  
16 A...32 A, IP44

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## Black plugs and sockets for entertainment applications

With extensive experience of designing and producing industrial plugs and sockets, ABB can provide products of high quality, functionality, reliability and safety. Regardless of the situation, safety of people should be of highest priority in electrical installations, always.

ABB's series of black plugs and sockets which are very well suited for entertainment applications, such as concerts, cinemas, television studios, and open-air events. The black series are perfect for both indoor and outdoor use, they will blend into their dark surroundings.

Pin and sleeve configuration according to IEC standard. Product labels give the information on which voltage range the product is intended for. The black series assure the high quality level that characterizes ABB's industrial plugs & sockets.



## Plug in black color







for entertainment applications, IP44



316EP6B







### 16 A. Splashproof

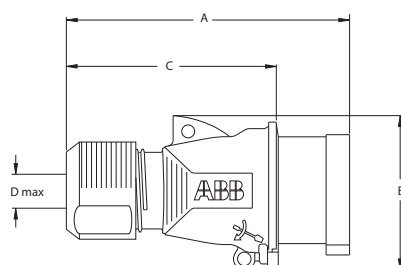
Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Blue | 200...250 | 50 and 60 | 216EP6B | 2CMA103579R1000 | 10         | 0.11                |
|                     |  Red  | 380...415 |           | 216EP9B | 2CMA103598R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Red  | 380...415 | 50 and 60 | 316EP6B | 2CMA103584R1000 | 10         | 0.16                |
|                     |  Blue | 200...250 |           | 316EP9B | 2CMA103585R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Red  | 346...415 | 50 and 60 | 416EP6B | 2CMA103591R1000 | 10         | 0.18                |
|                     |  Blue | 208...250 |           | 416EP9B | 2CMA103599R1000 |            |                     |

### 32 A. Splashproof

Housing in plastic (PA). Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce) |
|                     |  |           |           |         |                 |            | kg            |
| 2P+E                |  |           |           |         |                 |            |               |
| 3                   |  Blue | 200...250 | 50 and 60 | 232EP6B | 2CMA103581R1000 | 10         | 0.21          |
|                     |  Red  | 380...415 |           | 232EP9B | 2CMA103600R1000 |            |               |
| 3P+E                |  |           |           |         |                 |            |               |
| 4                   |  Red  | 380...415 | 50 and 60 | 332EP6B | 2CMA103588R1000 | 10         | 0.23          |
|                     |  Blue | 200...250 |           | 332EP9B | 2CMA103589R1000 |            |               |
| 3P+N+E              |  |           |           |         |                 |            |               |
| 5                   |  Red  | 346...415 | 50 and 60 | 432EP6B | 2CMA103593R1000 | 10         | 0.24          |
|                     |  Blue | 208...250 |           | 432EP9B | 2CMA103601R1000 |            |               |



Dimensions (mm)

| Type      | A   | B    | C    | Dmax |
|-----------|-----|------|------|------|
| 216EP...B | 127 | 62.5 | 88.5 | 14   |
| 316EP...B | 144 | 74.5 | 106  | 17   |
| 416EP...B | 144 | 78   | 106  | 17   |
| 232EP...B | 167 | 82.5 | 121  | 22   |
| 332EP...B | 167 | 82.5 | 121  | 22   |
| 432EP...B | 167 | 87.5 | 121  | 22   |

## Connector in black color







for entertainment applications, IP44



316EC6B







### 16 A. Splashproof

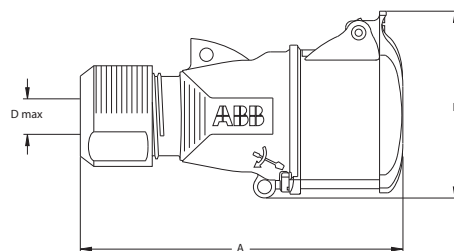
Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce) |
|                     |  |           |           |         |                 |            | kg            |
| 2P+E                |  |           |           |         |                 |            |               |
| 3                   |  Blue | 200...250 | 50 and 60 | 216EC6B | 2CMA103578R1000 | 10         | 0.11          |
|                     |  Red  | 380...415 |           | 216EC9B | 2CMA103594R1000 |            |               |
| 3P+E                |  |           |           |         |                 |            |               |
| 4                   |  Red  | 380...415 | 50 and 60 | 316EC6B | 2CMA103582R1000 | 10         | 0.16          |
|                     |  Blue | 200...250 |           | 316EC9B | 2CMA103583R1000 |            |               |
| 3P+N+E              |  |           |           |         |                 |            |               |
| 5                   |  Red  | 346...415 | 50 and 60 | 416EC6B | 2CMA103590R1000 | 10         | 0.17          |
|                     |  Blue | 208...250 |           | 416EC9B | 2CMA103595R1000 |            |               |

### 32 A. Splashproof

Housing in plastic (PA). Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--|-----------|-----------|---------|-----------------|------------|-------------------------|
|                     |  | V         | Hz        |         |                 |            | kg                      |
| 2P+E                |  |           |           |         |                 |            |                         |
| 3                   |  Blue | 200...250 | 50 and 60 | 232EC6B | 2CMA103580R1000 | 10         | 0.20                    |
|                     |  Red  | 380...415 |           | 232EC9B | 2CMA103596R1000 |            |                         |
| 3P+E                |  |           |           |         |                 |            |                         |
| 4                   |  Red  | 380...415 | 50 and 60 | 332EC6B | 2CMA103586R1000 | 10         | 0.22                    |
|                     |  Blue | 200...250 |           | 332EC9B | 2CMA103587R1000 |            |                         |
| 3P+N+E              |  |           |           |         |                 |            |                         |
| 5                   |  Red  | 346...415 | 50 and 60 | 432EC6B | 2CMA103592R1000 | 10         | 0.23                    |
|                     |  Blue | 208...250 |           | 432EC9B | 2CMA103597R1000 |            |                         |



### Dimensions (mm)

| Type      | A     | B    | Dmax |
|-----------|-------|------|------|
| 216EC...B | 135.5 | 74.5 | 14   |
| 316EC...B | 155   | 87   | 17   |
| 416EC...B | 156   | 90.5 | 17   |
| 232EC...B | 182   | 93.5 | 22   |
| 332EC...B | 182   | 93.5 | 22   |
| 432EC...B | 182.5 | 99   | 22   |

## Inlets for wall mounting in black color







for entertainment applications, IP44



316BS6B







### 16 A. Splashproof

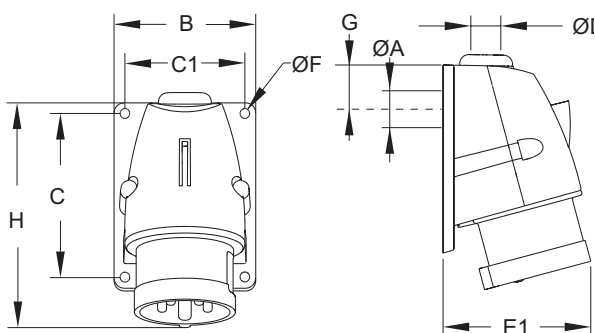
Housing in plastic (PA). Flexible membrane and metric threaded M20 insert for top cable entry. Rear knock-out cable entry. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--|-----------|-----------|---------|-----------------|------------|-------------------------|
|                     |  | V         | Hz        |         |                 |            | kg                      |
| 2P+E                |  |           |           |         |                 |            |                         |
| 3                   |  Blue | 200...250 | 50 and 60 | 216BS6B | 2CMA101027R1000 | 10         | 0.15                    |
|                     |  Red  | 380...415 |           | 216BS9B | 2CMA101058R1000 |            |                         |
| 3P+E                |  |           |           |         |                 |            |                         |
| 4                   |  Red  | 380...415 | 50 and 60 | 316BS6B | 2CMA101028R1000 | 10         | 0.19                    |
|                     |  Blue | 200.250   |           | 316BS9B | 2CMA101059R1000 |            |                         |
| 3P+N+E              |  |           |           |         |                 |            |                         |
| 5                   |  Red  | 346...415 |           | 416BS6B | 2CMA101029R1000 | 10         | 0.20                    |
|                     |  Blue | 208...250 |           | 416BS9B | 2CMA101060R1000 |            |                         |

### 32 A. IP44. Splashproof

Housing in plastic (PA). Flexible membrane and metric threaded M25 insert for top cable entry. Rear knock-out cable entry. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight       |
|---------------------|--|-----------|-----------|---------|-----------------|------------|--------------|
|                     |  | V         | Hz        |         |                 |            | (1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |              |
| 3                   |  Blue | 200...250 | 50 and 60 | 232BS6B | 2CMA101030R1000 | 10         | 0.25         |
|                     |  Red  | 380...415 |           | 232BS9B | 2CMA101061R1000 |            |              |
| 3P+E                |  |           |           |         |                 |            |              |
| 4                   |  Red  | 380...415 | 50 and 60 | 332BS6B | 2CMA101031R1000 | 10         | 0.27         |
|                     |  Blue | 200...250 |           | 332BS9B | 2CMA101062R1000 |            |              |
| 3P+N+E              |  |           |           |         |                 |            |              |
| 5                   |  Red  | 346...415 | 50 and 60 | 432BS6B | 2CMA101032R1000 | 10         | 0.29         |
|                     |  Blue | 208...250 |           | 432BS9B | 2CMA101063R1000 |            |              |



Dimensions (mm)

| Type      | A  | B  | C   | C1 | Dmax   | E1 | F   | G  | H   |
|-----------|----|----|-----|----|--------|----|-----|----|-----|
| 216BS...B | 23 | 66 | 75  | 54 | 18/M20 | 72 | 5.5 | 27 | 110 |
| 316BS...B | 23 | 79 | 91  | 67 | 18/M20 | 78 | 5.5 | 30 | 124 |
| 416BS...B | 23 | 79 | 91  | 67 | 18/M20 | 81 | 5.5 | 30 | 125 |
| 232BS...B | 29 | 85 | 111 | 72 | 22/M25 | 94 | 5.5 | 34 | 153 |
| 332BS...B | 29 | 85 | 111 | 72 | 22/M25 | 94 | 5.5 | 34 | 153 |
| 432BS...B | 29 | 85 | 111 | 72 | 22/M25 | 96 | 5.5 | 34 | 154 |

## Socket outlet for wall mounting in black color







for entertainment applications, IP44



316RS6B







### 16 A. Splashproof

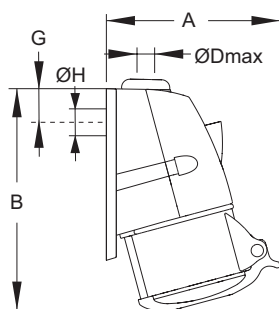
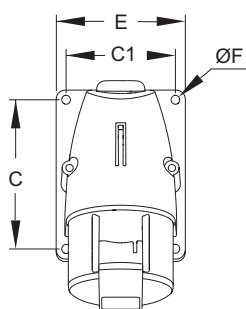
Housing in plastic (PA). Flexible membrane and metric threaded M20 insert for top cable entry. Rear knock-out cable entry. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Blue | 200...250 | 50 and 60 | 216RS6B | 2CMA101021R1000 | 10         | 0.22                |
|                     |  Red  | 380...415 |           | 216RS9B | 2CMA101052R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Red  | 380...415 | 50 and 60 | 316RS6B | 2CMA101022R1000 | 10         | 0.24                |
|                     |  Blue | 200...250 |           | 316RS9B | 2CMA101053R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Red  | 346...415 |           | 416RS6B | 2CMA101023R1000 | 10         | 0.26                |
|                     |  Blue | 208...250 |           | 416RS9B | 2CMA101054R1000 |            |                     |

### 32 A. Splashproof

Housing in plastic (PA). Flexible membrane and metric threaded M25 insert for top cable entry. Rear knock-out cable entry. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Blue | 200...250 | 50 and 60 | 232RS6B | 2CMA101024R1000 | 10         | 0.30                |
|                     |  Red  | 380...415 |           | 232RS9B | 2CMA101055R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Red  | 380...415 | 50 and 60 | 332RS6B | 2CMA101025R1000 | 10         | 0.32                |
|                     |  Blue | 200...250 |           | 332RS9B | 2CMA101056R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Red  | 346...415 | 50 and 60 | 432RS6B | 2CMA101026R1000 | 10         | 0.34                |
|                     |  Blue | 208...250 |           | 432RS9B | 2CMA101057R1000 |            |                     |



Dimensions (mm)

| Type      | A   | B   | C   | C1 | Dmax   | E  | F   | G  | H  |
|-----------|-----|-----|-----|----|--------|----|-----|----|----|
| 216RS...B | 91  | 117 | 75  | 54 | 18/M20 | 66 | 5.5 | 27 | 23 |
| 316RS...B | 100 | 132 | 91  | 67 | 18/M20 | 79 | 5.5 | 30 | 23 |
| 416RS...B | 104 | 134 | 91  | 67 | 18/M20 | 79 | 5.5 | 30 | 23 |
| 232RS...B | 118 | 163 | 111 | 72 | 22/M25 | 85 | 5.5 | 34 | 29 |
| 332RS...B | 116 | 163 | 111 | 72 | 22/M25 | 85 | 5.5 | 34 | 29 |
| 432RS...B | 121 | 164 | 111 | 72 | 22/M25 | 85 | 5.5 | 34 | 29 |



Socket outlet for panel mounting in black color

for entertainment applications, with unified straight flange, IP44



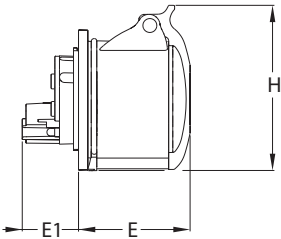
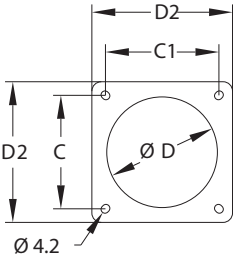
216RU6B

16 A. Splashproof  
Housing in plastic (PA). Cable area 1.5...4 mm²

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce) |
|                     |  |           |           |         |                 |            | kg            |
| 2P+E                |  |           |           |         |                 |            |               |
| 3                   |  Blue | 200...250 | 50 and 60 | 216RU6B | 2CMA101639R1000 | 10         | 0.15          |
| 3P+N+E              |  |           |           |         |                 |            |               |
| 5                   |  Red  | 346...415 | 50 and 60 | 416RU6B | 2CMA101640R1000 | 10         | 0.20          |

32 A. IP44. Splashproof  
Housing in plastic (PA). Cable area 2.5...10 mm²

| Terminals/<br>Poles | Color<br>code                        | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--------------------------------------|-----------|-----------|---------|-----------------|------------|---------------|
|                     |                                      | V         | Hz        |         |                 |            | pkg<br>(1pce) |
|                     |                                      |           |           |         |                 |            | kg            |
| 3P+N+E              |                                      |           |           |         |                 |            |               |
| 5                   | <div><div></div><div>Red</div></div> | 346...415 | 50 and 60 | 432RU6B | 2CMA101641R1000 | 10         | 0.24          |



Dimensions (mm)

| Type    | C     | C1    | D  | D2 | E  | E1 | H  |
|---------|-------|-------|----|----|----|----|----|
| 216RU6B | 60-61 | 60-61 | 49 | 75 | 56 | 29 | 79 |
| 416RU6B | 60-61 | 60-61 | 59 | 75 | 60 | 31 | 89 |
| 432RU6B | 60-61 | 60-61 | 66 | 75 | 71 | 34 | 99 |







Socket outlet for panel mounting in black color

for entertainment applications, with minimized angled flange IP44









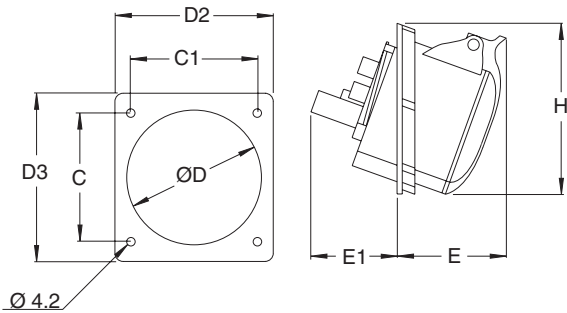
316RAM6B

16 A. Splashproof  
Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Blue | 200...250 | 50 and 60 | 216RAM6B | 2CMA100543R1000 | 10         | 0.21                |
|                     |  Red  | 380...415 |           | 216RAM9B | 2CMA101048R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Red  | 380...415 | 50 and 60 | 316RAM6B | 2CMA100544R1000 | 10         | 0.22                |
|                     |  Blue | 200...250 |           | 316RAM9B | 2CMA100873R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Red  | 346...415 | 50 and 60 | 416RAM6B | 2CMA100545R1000 | 10         | 0.24                |
|                     |  Blue | 208...250 |           | 416RAM9B | 2CMA101049R1000 |            |                     |

32 A. Splashproof  
Housing in plastic (PA). Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Blue | 200...250 | 50 and 60 | 232RAM6B | 2CMA100546R1000 | 10         | 0.21                |
|                     |  Red  | 380...415 |           | 232RAM9B | 2CMA101050R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Red  | 380...415 | 50 and 60 | 332RAM6B | 2CMA100547R1000 | 10         | 0.22                |
|                     |  Blue | 200...250 |           | 332RAM9B | 2CMA100876R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Red  | 346...415 | 50 and 60 | 432RAM6B | 2CMA100548R1000 | 10         | 0.24                |
|                     |  Blue | 208...250 |           | 432RAM9B | 2CMA101051R1000 |            |                     |



Dimensions (mm)

| Type       | C  | C1 | D  | D2 | D3 | E  | E1 | H   |
|------------|----|----|----|----|----|----|----|-----|
| 216RAM...B | 55 | 55 | 63 | 70 | 78 | 53 | 42 | 76  |
| 316RAM...B | 66 | 66 | 78 | 83 | 89 | 53 | 46 | 85  |
| 416RAM...B | 66 | 66 | 78 | 83 | 89 | 55 | 48 | 89  |
| 232RAM...B | 75 | 75 | 87 | 93 | 99 | 61 | 52 | 98  |
| 332RAM...B | 75 | 75 | 87 | 93 | 99 | 61 | 52 | 98  |
| 432RAM...B | 75 | 75 | 87 | 93 | 99 | 64 | 52 | 101 |

# Industrial plugs and sockets

## Fast & Safe

### Plugs



Type QP..., 16 A...32 A, IP44



Type QP...W, 16 A...32 A, IP67

### Connectors

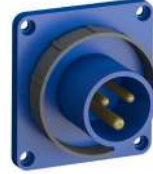


Type QC..., 16 A...32 A, IP44



Type QC...W, 16 A...32 A, IP67

### Inlets

For wall mounting, Type QBS...  
16 A...32 A, IP44For wall mounting, Type QBS...W  
16 A...32 A, IP67For panel mounting with unified  
straight flange, Type QB...  
16 A...32 A, IP44For panel mounting with unified  
straight flange, Type QB...W  
16 A...32 A, IP67For panel mounting with straight  
minimized flange, Type QBM...  
16 A...32 A, IP44For panel mounting with unified angled  
flange, Type QBA...  
16 A...32 A, IP44For panel mounting with unified angled  
flange, Type QBA...W  
16 A...32 A, IP67

### Socket outlet

For wall mounting, Type QRS...  
16 A...32 A, IP44For wall mounting, Type QRS...W  
16 A...32 A, IP67For panel mounting with unified  
straight flange, Type QR...  
16 A...32 A, IP44For panel mounting with unified  
straight flange, Type QR...W  
16 A...32 A, IP67For panel mounting with unified  
angled flange, Type QRA...  
16 A...32 A, IP44For panel mounting with unified  
angled flange, Type QRA...W  
16 A...32 A, IP67For panel mounting with straight  
minimized flange, Type QRM...  
16 A...32 A, IP44For panel mounting with straight  
minimized flange, Type QRM...W  
16 A...32 A, IP67



# Industrial plugs and sockets

## Screwless Fast & Safe



In times with high focus on productivity screwless terminal connectors are growing in popularity. Actually up sixty percent of the installation time can be saved with screwless terminals.

We are now completing our standard offering with Fast & Safe in parallel with Easy & Safe. Fast & Safe is a complete offering of 16-32A plugs and sockets, both as IP44 and IP67. Instead of a screw providing contact pressure at the terminal,

Fast & Safe is built on spring technology. More than reducing installation time spring technology has high resistance against vibrations and heat fluctuations.



## Plugs










IP44



432QP6










### 16 A. Splashproof

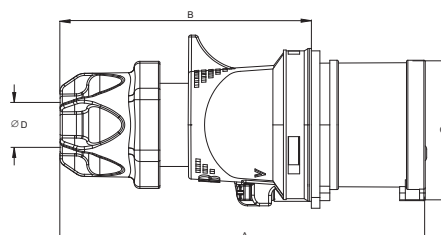
Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|--------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |        |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |        |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QP4 | 2CMA102579R1000 | 10         | 0.15                |
|                     |  Blue   | 200...250 |           | 216QP6 | 2CMA102286R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QP9 | 2CMA102858R1000 |            |                     |
| 3P+E                |  |           |           |        |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QP4 | 2CMA102598R1000 | 10         | 0.16                |
|                     |  Red    | 380...415 |           | 316QP6 | 2CMA102305R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QP9 | 2CMA102877R1000 |            |                     |
| 3P+N+E              |  |           |           |        |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QP4 | 2CMA102617R1000 | 10         | 0.18                |
|                     |  Red   | 346...415 |           | 416QP6 | 2CMA102324R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QP9 | 2CMA102896R1000 |            |                     |

### 32 A. Splashproof

Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|--------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |        |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |        |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QP4 | 2CMA102638R1000 | 10         | 0.18                |
|                     |  Blue   | 200...250 |           | 232QP6 | 2CMA102345R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QP9 | 2CMA102917R1000 |            |                     |
| 3P+E                |  |           |           |        |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QP4 | 2CMA102690R1000 | 10         | 0.20                |
|                     |  Red    | 380...415 |           | 332QP6 | 2CMA102364R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QP9 | 2CMA102936R1000 |            |                     |
| 3P+N+E              |  |           |           |        |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QP4 | 2CMA102709R1000 | 10         | 0.24                |
|                     |  Red    | 346...415 |           | 432QP6 | 2CMA102383R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QP9 | 2CMA102955R1000 |            |                     |



### Dimensions (mm)

| Type     | A   | B   | C  | ØD    |
|----------|-----|-----|----|-------|
| 216QP... | 124 | 83  | 47 | 6-13  |
| 316QP... | 129 | 89  | 53 | 6-13  |
| 416QP... | 136 | 96  | 61 | 6-13  |
| 232QP... | 149 | 100 | 63 | 11-20 |
| 332QP... | 149 | 100 | 63 | 11-20 |
| 432QP... | 156 | 107 | 70 | 11-20 |

## Connectors










IP44



216QC6










### 16 A. Splashproof

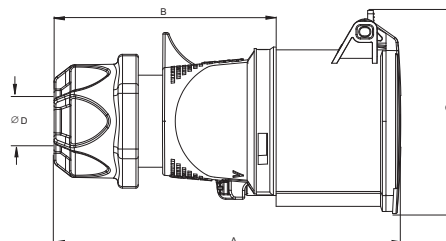
Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|--------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |        |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |        |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QC4 | 2CMA102580R1000 | 10         | 0.18                |
|                     |  Blue   | 200...250 |           | 216QC6 | 2CMA102287R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QC9 | 2CMA102859R1000 |            |                     |
| 3P+E                |  |           |           |        |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QC4 | 2CMA102599R1000 | 10         | 0.21                |
|                     |  Red    | 380...415 |           | 316QC6 | 2CMA102306R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QC9 | 2CMA102878R1000 |            |                     |
| 3P+N+E              |  |           |           |        |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QC4 | 2CMA102618R1000 | 10         | 0.25                |
|                     |  Red   | 346...415 |           | 416QC6 | 2CMA102325R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QC9 | 2CMA102897R1000 |            |                     |

### 32 A. Splashproof

Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|--------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |        |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |        |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QC4 | 2CMA102639R1000 | 10         | 0.25                |
|                     |  Blue   | 200...250 |           | 232QC6 | 2CMA102346R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QC9 | 2CMA102918R1000 |            |                     |
| 3P+E                |  |           |           |        |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QC4 | 2CMA102691R1000 | 10         | 0.26                |
|                     |  Red    | 380...415 |           | 332QC6 | 2CMA102365R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QC9 | 2CMA102937R1000 |            |                     |
| 3P+N+E              |  |           |           |        |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QC4 | 2CMA102710R1000 | 10         | 0.26                |
|                     |  Red    | 346...415 |           | 432QC6 | 2CMA102384R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QC9 | 2CMA102956R1000 |            |                     |



Dimensions (mm)

| Type     | A   | B   | C  | ØD    |
|----------|-----|-----|----|-------|
| 216QC... | 128 | 83  | 72 | 6-13  |
| 316QC... | 135 | 89  | 78 | 6-13  |
| 416QC... | 142 | 96  | 87 | 6-13  |
| 232QC... | 156 | 100 | 91 | 11-20 |
| 332QC... | 156 | 100 | 91 | 11-20 |
| 432QC... | 162 | 107 | 97 | 11-20 |

## Inlets



















for wall mounting, IP44

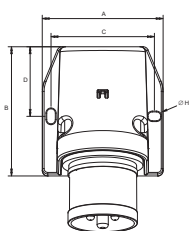


416QBS6

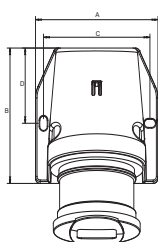
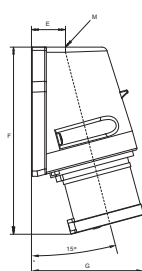
### 16 A. Splashproof

Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

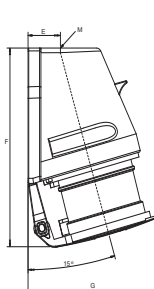
| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |          |                 |            |                               |
| 3                   |  Yellow   | 100...130    | 50 and 60       | 216QBS4  | 2CMA102587R1000 | 5          | 0.22                          |
|                     |  Yellow   | 100...130    |                 | 216QBS4C | 2CMA102588R1000 |            | 0.25                          |
|                     |  Blue     | 200...250    |                 | 216QBS6  | 2CMA102294R1000 |            | 0.22                          |
|                     |  Blue     | 200...250    |                 | 216QBS6C | 2CMA102295R1000 |            | 0.25                          |
|                     |  Red      | 380...415    |                 | 216QBS9  | 2CMA102866R1000 |            | 0.22                          |
|                     |  Red      | 380...415    |                 | 216QBS9C | 2CMA102867R1000 |            | 0.25                          |
| 3P+E                |  |              |                 |          |                 |            |                               |
| 4                   |  Yellow   | 100...130    | 50 and 60       | 316QBS4  | 2CMA102606R1000 | 5          | 0.22                          |
|                     |  Yellow   | 100...130    |                 | 316QBS4C | 2CMA102607R1000 |            | 0.25                          |
|                     |  Red     | 380...415    |                 | 316QBS6  | 2CMA102313R1000 |            | 0.22                          |
|                     |  Red    | 380...415    |                 | 316QBS6C | 2CMA102314R1000 |            | 0.25                          |
|                     |  Blue   | 200...250    |                 | 316QBS9  | 2CMA102885R1000 |            | 0.22                          |
|                     |  Blue   | 200...250    |                 | 316QBS9C | 2CMA102886R1000 |            | 0.25                          |
| 3P+N+E              |  |              |                 |          |                 |            |                               |
| 5                   |  Yellow | 100...130    | 50 and 60       | 416QBS4  | 2CMA102626R1000 | 5          | 0.22                          |
|                     |  Yellow | 100...130    |                 | 416QBS4C | 2CMA102627R1000 |            | 0.25                          |
|                     |  Red    | 346...415    |                 | 416QBS6  | 2CMA102333R1000 |            | 0.22                          |
|                     |  Red    | 346...415    |                 | 416QBS6C | 2CMA102334R1000 |            | 0.25                          |
|                     |  Blue   | 208...250    |                 | 416QBS9  | 2CMA102905R1000 |            | 0.22                          |
|                     |  Blue   | 208...250    |                 | 416QBS9C | 2CMA102906R1000 |            | 0.25                          |



Type .32QBS...



Type .32QBS...C



### Dimensions (mm)

| Type       | A  | B  | C  | D    | E  | F     | G    | ØH  | M       |
|------------|----|----|----|------|----|-------|------|-----|---------|
| 216QBS...  | 75 | 80 | 64 | 43   | 20 | 116   | 70   | 5.3 | M20x1.5 |
| 216QBS...C | 75 | 80 | 64 | 43   | 20 | 116.3 | 70.3 | 5.3 | M20x1.5 |
| 316QBS...  | 88 | 88 | 76 | 48.5 | 22 | 123   | 77   | 5.3 | M25x1.5 |
| 316QBS...C | 88 | 88 | 76 | 48.5 | 22 | 123.3 | 77.3 | 5.3 | M25x1.5 |
| 416QBS...  | 88 | 88 | 76 | 48.5 | 22 | 123   | 84   | 5.3 | M25x1.5 |
| 416QBS...C | 88 | 88 | 76 | 48.5 | 22 | 123.3 | 84.3 | 5.3 | M25x1.5 |

## Inlets



















for wall mounting, IP44

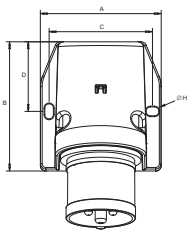


432QBS6

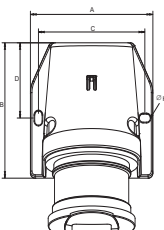
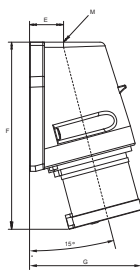
### 32 A. Splashproof

Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 2.5...6 mm<sup>2</sup>

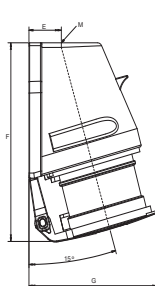
| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--|-----------|-----------|----------|-----------------|------------|-------------------------|
|                     |  | V         | Hz        |          |                 |            | kg                      |
| 2P+E                |  |           |           |          |                 |            |                         |
| 3                   |  Yellow   | 100...130 | 50 and 60 | 232QBS4  | 2CMA102646R1000 | 5          | 0.22                    |
|                     |  Yellow   | 100...130 |           | 232QBS4C | 2CMA102647R1000 |            | 0.25                    |
|                     |  Blue     | 200...250 |           | 232QBS6  | 2CMA102353R1000 |            | 0.22                    |
|                     |  Blue     | 200...250 |           | 232QBS6C | 2CMA102354R1000 |            | 0.25                    |
|                     |  Red      | 380...415 |           | 232QBS9  | 2CMA102925R1000 |            | 0.22                    |
|                     |  Red      | 380...415 |           | 232QBS9C | 2CMA102926R1000 |            | 0.25                    |
| 3P+E                |  |           |           |          |                 |            |                         |
| 4                   |  Yellow   | 100...130 | 50 and 60 | 332QBS4  | 2CMA102698R1000 | 5          | 0.29                    |
|                     |  Yellow   | 100...130 |           | 332QBS4C | 2CMA102699R1000 |            | 0.31                    |
|                     |  Red      | 380...415 |           | 332QBS6  | 2CMA102372R1000 |            | 0.29                    |
|                     |  Red    | 380...415 |           | 332QBS6C | 2CMA102373R1000 |            | 0.31                    |
|                     |  Blue   | 200...250 |           | 332QBS9  | 2CMA102944R1000 |            | 0.29                    |
|                     |  Blue   | 200...250 |           | 332QBS9C | 2CMA102945R1000 |            | 0.31                    |
| 3P+N+E              |  |           |           |          |                 |            |                         |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QBS4  | 2CMA102718R1000 | 5          | 0.31                    |
|                     |  Yellow | 100...130 |           | 432QBS4C | 2CMA102719R1000 |            | 0.35                    |
|                     |  Red    | 346...415 |           | 432QBS6  | 2CMA102392R1000 |            | 0.31                    |
|                     |  Red    | 346...415 |           | 432QBS6C | 2CMA102393R1000 |            | 0.35                    |
|                     |  Blue   | 208...250 |           | 432QBS9  | 2CMA102964R1000 |            | 0.31                    |
|                     |  Blue   | 208...250 |           | 432QBS9C | 2CMA102965R1000 |            | 0.35                    |



Type .32QBS...



Type .32QBS...C



### Dimensions (mm)

| Type       | A  | B   | C  | D    | E    | F     | G  | ØH  | M       |
|------------|----|-----|----|------|------|-------|----|-----|---------|
| 232QBS...  | 88 | 88  | 76 | 48.5 | 22   | 132   | 87 | 5.3 | M25x1.5 |
| 232QBS...C | 88 | 88  | 76 | 48.5 | 22.3 | 132.3 | 87 | 5.3 | M25x1.5 |
| 332QBS...  | 88 | 88  | 76 | 48.5 | 22   | 132   | 87 | 5.3 | M25x1.5 |
| 332QBS...C | 88 | 88  | 76 | 48.5 | 22.3 | 132.3 | 87 | 5.3 | M25x1.5 |
| 432QBS...  | 96 | 102 | 84 | 56   | 26   | 146   | 94 | 5.3 | M32x1.5 |
| 432QBS...C | 96 | 102 | 84 | 56   | 26.3 | 146.3 | 94 | 5.3 | M32x1.5 |

## Inlets




for panel mounting with unified straight flange, IP44



432QB6




### 16 A. Splashproof

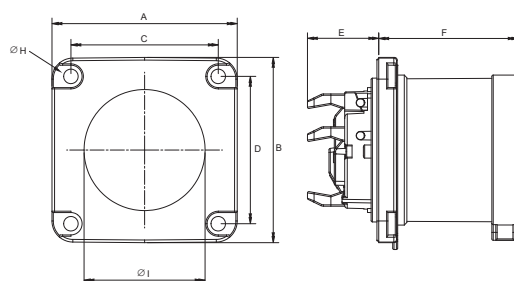
Housing in plastic (PA). Fast connection. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|--------|-----------------|------------|---------------|
|                     |  | V         | Hz        |        |                 |            | pkg<br>(1pce) |
|                     |  |           |           |        |                 |            | kg            |
| 3P+N+E              |  |           |           |        |                 |            |               |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QB4 | 2CMA102624R1000 | 10         | 0.13          |
|                     |  Red    | 346...415 |           | 416QB6 | 2CMA102331R1000 |            |               |
|                     |  Blue   | 208...250 |           | 416QB9 | 2CMA102903R1000 |            |               |

### 32 A. Splashproof

Housing in plastic (PA). Fast connection. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|--------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |        |                 |            | pkg<br>(1pce)<br>kg |
| 3P+N+E              |  |           |           |        |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QB4 | 2CMA102716R1000 | 10         | 0.17                |
|                     |  Red   | 346...415 |           | 432QB6 | 2CMA102390R1000 |            |                     |
|                     |  Blue | 208...250 |           | 432QB9 | 2CMA102962R1000 |            |                     |



### Dimensions (mm)

| Type     | A  | B  | C  | D  | E  | F  | ØH  | ØI |
|----------|----|----|----|----|----|----|-----|----|
| 416QB... | 75 | 75 | 60 | 60 | 23 | 44 | 5.5 | 56 |
| 432QB... | 75 | 75 | 60 | 60 | 27 | 53 | 5.5 | 60 |

## Inlets










for panel mounting with unified angled flange, IP44



432QBA6










### 16 A. Splashproof

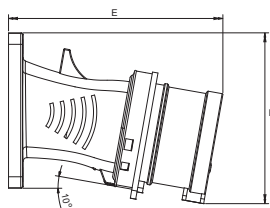
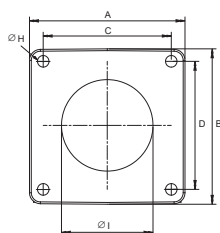
Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QBA4 | 2CMA102586R1000 | 10         | 0.15                |
|                     |  Blue   | 200...250 |           | 216QBA6 | 2CMA102293R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QBA9 | 2CMA102865R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QBA4 | 2CMA102605R1000 | 10         | 0.18                |
|                     |  Red    | 380...415 |           | 316QBA6 | 2CMA102312R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QBA9 | 2CMA102884R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QBA4 | 2CMA102625R1000 | 10         | 0.22                |
|                     |  Red   | 346...415 |           | 416QBA6 | 2CMA102332R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QBA9 | 2CMA102904R1000 |            |                     |

### 32 A. Splashproof

Housing in plastic (PA). Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QBA4 | 2CMA102645R1000 | 10         | 0.17                |
|                     |  Blue   | 200...250 |           | 232QBA6 | 2CMA102352R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QBA9 | 2CMA102924R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QBA4 | 2CMA102697R1000 | 10         | 0.20                |
|                     |  Red    | 380...415 |           | 332QBA6 | 2CMA102371R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QBA9 | 2CMA102943R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QBA4 | 2CMA102717R1000 | 10         | 0.48                |
|                     |  Red    | 346...415 |           | 432QBA6 | 2CMA102391R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QBA9 | 2CMA102963R1000 |            |                     |



### Dimensions (mm)

| Type      | A  | B  | C  | D  | E   | F   | ØH  | ØI |
|-----------|----|----|----|----|-----|-----|-----|----|
| 216QBA... | 85 | 85 | 70 | 70 | 106 | 85  | 6.3 | 50 |
| 316QBA... | 85 | 85 | 70 | 70 | 112 | 88  | 6.3 | 50 |
| 416QBA... | 85 | 85 | 70 | 70 | 117 | 94  | 6.3 | 50 |
| 232QBA... | 85 | 85 | 70 | 70 | 126 | 96  | 6.3 | 50 |
| 332QBA... | 85 | 85 | 70 | 70 | 126 | 96  | 6.3 | 50 |
| 432QBA... | 85 | 85 | 70 | 70 | 133 | 102 | 6.3 | 50 |

## Inlets










for panel mounting with straight minimized flange, IP44



216QBM6










### 16 A. Splashproof

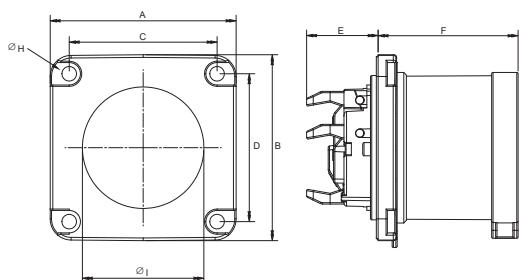
Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type    | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|---------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |         |                 |            |                               |
| 3                   |  Yellow | 100...130    | 50 and 60       | 216QBM4 | 2CMA102585R1000 | 10         | 0.10                          |
|                     |  Blue   | 200...250    |                 | 216QBM6 | 2CMA102292R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 216QBM9 | 2CMA102864R1000 |            |                               |
| 3P+E                |  |              |                 |         |                 |            |                               |
| 4                   |  Yellow | 100...130    | 50 and 60       | 316QBM4 | 2CMA102604R1000 | 10         | 0.13                          |
|                     |  Red    | 380...415    |                 | 316QBM6 | 2CMA102311R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316QBM9 | 2CMA102883R1000 |            |                               |
| 3P+N+E              |  |              |                 |         |                 |            |                               |
| 5                   |  Yellow | 100...130    | 50 and 60       | 416QBM4 | 2CMA102623R1000 | 10         | 0.13                          |
|                     |  Red   | 346...415    |                 | 416QBM6 | 2CMA102330R1000 |            |                               |
|                     |  Blue | 208...250    |                 | 416QBM9 | 2CMA102902R1000 |            |                               |

### 32 A. Splashproof

Housing in plastic (PA). Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QBM4 | 2CMA102644R1000 | 10         | 0.11                |
|                     |  Blue   | 200...250 |           | 232QBM6 | 2CMA102351R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QBM6 | 2CMA102923R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QBM4 | 2CMA102696R1000 | 10         | 0.15                |
|                     |  Red    | 380...415 |           | 332QBM6 | 2CMA102370R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QBM9 | 2CMA102942R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QBM4 | 2CMA102715R1000 | 10         | 0.17                |
|                     |  Red    | 346...415 |           | 432QBM6 | 2CMA102389R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QBM9 | 2CMA102961R1000 |            |                     |



### Dimensions (mm)

| Type      | A  | B  | C  | D  | E  | F  | ØH  | ØI |
|-----------|----|----|----|----|----|----|-----|----|
| 216QBM... | 70 | 70 | 56 | 56 | 23 | 44 | 5.5 | 44 |
| 316QBM... | 70 | 70 | 56 | 56 | 23 | 44 | 5.5 | 52 |
| 416QBM... | 70 | 70 | 56 | 56 | 23 | 44 | 5.5 | 56 |
| 232QBM... | 70 | 70 | 56 | 56 | 27 | 53 | 5.5 | 56 |
| 332QBM... | 70 | 70 | 56 | 56 | 27 | 53 | 5.5 | 56 |
| 432QBM... | 70 | 70 | 56 | 56 | 27 | 53 | 5.5 | 60 |



## Socket outlet










for wall mounting, IP44



432QRS6










### 16 A. Splashproof

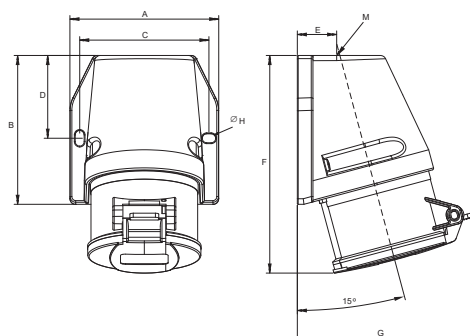
Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QRS4 | 2CMA102584R1000 | 10         | 0.25                |
|                     |  Blue   | 200...250 |           | 216QRS6 | 2CMA102291R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QRS9 | 2CMA102863R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QRS4 | 2CMA102603R1000 | 10         | 0.27                |
|                     |  Red    | 380...415 |           | 316QRS6 | 2CMA102310R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QRS9 | 2CMA102882R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QRS4 | 2CMA102622R1000 | 10         | 0.29                |
|                     |  Red   | 346...415 |           | 416QRS6 | 2CMA102329R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QRS9 | 2CMA102901R1000 |            |                     |

### 32 A. Splashproof

Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QRS4 | 2CMA102643R1000 | 10         | 0.30                |
|                     |  Blue   | 200...250 |           | 232QRS6 | 2CMA102350R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QRS9 | 2CMA102922R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QRS4 | 2CMA102695R1000 | 10         | 0.33                |
|                     |  Red    | 380...415 |           | 332QRS6 | 2CMA102369R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QRS9 | 2CMA102941R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QRS4 | 2CMA102714R1000 | 10         | 0.36                |
|                     |  Red    | 346...415 |           | 432QRS6 | 2CMA102388R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QRS9 | 2CMA102960R1000 |            |                     |



### Dimensions (mm)

| Type      | A  | B   | C  | D    | E  | F   | G   | ØH  | M       |
|-----------|----|-----|----|------|----|-----|-----|-----|---------|
| 216QRS... | 75 | 80  | 64 | 43   | 20 | 121 | 88  | 5.3 | M20x1.5 |
| 316QRS... | 88 | 88  | 76 | 48.5 | 22 | 128 | 96  | 5.3 | M25x1.5 |
| 416QRS... | 88 | 88  | 76 | 48.5 | 22 | 128 | 103 | 5.3 | M25x1.5 |
| 232QRS... | 88 | 88  | 76 | 48.5 | 22 | 139 | 106 | 5.3 | M25x1.5 |
| 332QRS... | 88 | 88  | 76 | 48.5 | 22 | 139 | 106 | 5.3 | M25x1.5 |
| 432QRS... | 88 | 102 | 84 | 56   | 26 | 152 | 113 | 5.3 | M32x1.5 |

## Socket outlet










for panel mounting with unified straight flange, IP44



216QR6










### 16 A. Splashproof

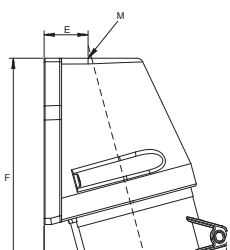
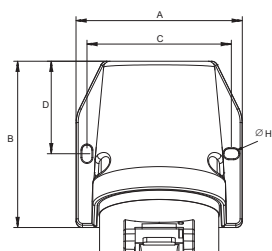
Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|--------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |        |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |        |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QR4 | 2CMA102582R1000 | 10         | 0.11                |
|                     |  Blue   | 200...250 |           | 216QR6 | 2CMA102289R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QR9 | 2CMA102861R1000 |            |                     |
| 3P+E                |  |           |           |        |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QR4 | 2CMA102601R1000 | 10         | 0.13                |
|                     |  Red    | 380...415 |           | 316QR6 | 2CMA102308R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QR9 | 2CMA102880R1000 |            |                     |
| 3P+N+E              |  |           |           |        |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QR4 | 2CMA102620R1000 | 10         | 0.15                |
|                     |  Red   | 346...415 |           | 416QR6 | 2CMA102327R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QR9 | 2CMA102899R1000 |            |                     |

### 32 A. Splashproof

Housing in plastic (PA). Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|--------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |        |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |        |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QR4 | 2CMA102641R1000 | 10         | 0.15                |
|                     |  Blue   | 200...250 |           | 232QR6 | 2CMA102348R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QR9 | 2CMA102920R1000 |            |                     |
| 3P+E                |  |           |           |        |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QR4 | 2CMA102693R1000 | 10         | 0.16                |
|                     |  Red    | 380...415 |           | 332QR6 | 2CMA102367R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QR9 | 2CMA102939R1000 |            |                     |
| 3P+N+E              |  |           |           |        |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QR4 | 2CMA102712R1000 | 10         | 0.18                |
|                     |  Red    | 346...415 |           | 432QR6 | 2CMA102386R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QR9 | 2CMA102958R1000 |            |                     |



Dimensions (mm)

| Type     | A  | B  | C  | D  | E  | F  | G   | ØH  | ØI | K   |
|----------|----|----|----|----|----|----|-----|-----|----|-----|
| 216QR... | 75 | 75 | 60 | 60 | 24 | 49 | 95  | 5.5 | 44 | 86  |
| 316QR... | 75 | 75 | 60 | 60 | 24 | 49 | 102 | 5.5 | 49 | 90  |
| 416QR... | 75 | 75 | 60 | 60 | 24 | 49 | 110 | 5.5 | 56 | 94  |
| 232QR... | 75 | 75 | 60 | 60 | 30 | 58 | 122 | 5.5 | 56 | 98  |
| 332QR... | 75 | 75 | 60 | 60 | 30 | 58 | 122 | 5.5 | 56 | 98  |
| 432QR... | 75 | 75 | 60 | 60 | 30 | 58 | 128 | 5.5 | 60 | 105 |

## Socket outlet










for panel mounting with unified angled flange, IP44



432QRA6










### 16 A. Splashproof

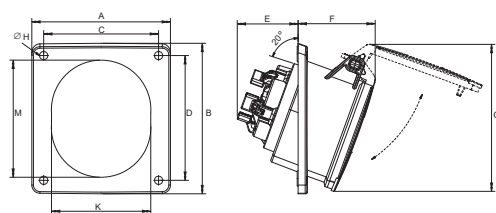
Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QRA4 | 2CMA102583R1000 | 10         | 0.15                |
|                     |  Blue   | 200...250 |           | 216QRA6 | 2CMA102290R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QRA9 | 2CMA102862R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QRA4 | 2CMA102602R1000 | 10         | 0.16                |
|                     |  Red    | 380...415 |           | 316QRA6 | 2CMA102309R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QRA9 | 2CMA102881R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QRA4 | 2CMA102621R1000 | 10         | 0.16                |
|                     |  Red   | 346...415 |           | 416QRA6 | 2CMA102328R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QRA9 | 2CMA102900R1000 |            |                     |

### 32 A. Splashproof

Housing in plastic (PA). Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QRA4 | 2CMA102642R1000 | 10         | 0.20                |
|                     |  Blue   | 200...250 |           | 232QRA6 | 2CMA102349R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QRA9 | 2CMA102921R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QRA4 | 2CMA102694R1000 | 10         | 0.22                |
|                     |  Red    | 380...415 |           | 332QRA6 | 2CMA102368R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QRA9 | 2CMA102940R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QRA4 | 2CMA102713R1000 | 10         | 0.40                |
|                     |  Red    | 346...415 |           | 432QRA6 | 2CMA102387R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QRA9 | 2CMA102959R1000 |            |                     |



### Dimensions (mm)

| Type      | A  | B  | C  | D  | E  | F  | G   | ØH | K  | M  |
|-----------|----|----|----|----|----|----|-----|----|----|----|
| 216QRA... | 83 | 90 | 70 | 76 | 37 | 43 | 90  | 5  | 52 | 65 |
| 316QRA... | 83 | 90 | 70 | 76 | 37 | 45 | 90  | 5  | 56 | 68 |
| 416QRA... | 83 | 90 | 70 | 76 | 37 | 47 | 90  | 5  | 62 | 72 |
| 232QRA... | 83 | 90 | 70 | 76 | 43 | 54 | 98  | 5  | 66 | 76 |
| 332QRA... | 83 | 90 | 70 | 76 | 43 | 54 | 98  | 5  | 66 | 76 |
| 432QRA... | 83 | 90 | 70 | 76 | 49 | 51 | 100 | 5  | 72 | 82 |

## Socket outlet










for panel mounting with straight minimized flange, IP44



216QRM6










### 16 A. Splashproof

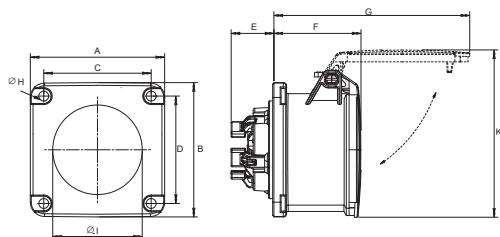
Housing in plastic (PA). Fast connection. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QRM4 | 2CMA102581R1000 | 10         | 0.11                |
|                     |  Blue   | 200...250 |           | 216QRM6 | 2CMA102288R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QRM9 | 2CMA102860R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QRM4 | 2CMA102600R1000 | 10         | 0.13                |
|                     |  Red    | 380...415 |           | 316QRM6 | 2CMA102307R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QRM9 | 2CMA102879R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QRM4 | 2CMA102619R1000 | 10         | 0.15                |
|                     |  Red   | 346...415 |           | 416QRM6 | 2CMA102326R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QRM9 | 2CMA102898R1000 |            |                     |

### 32 A. Splashproof

Housing in plastic (PA). Fast connection. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QRM4 | 2CMA102640R1000 | 10         | 0.14                |
|                     |  Blue   | 200...250 |           | 232QRM6 | 2CMA102347R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QRM9 | 2CMA102919R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QRM4 | 2CMA102692R1000 | 10         | 0.15                |
|                     |  Red    | 380...415 |           | 332QRM6 | 2CMA102366R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QRM9 | 2CMA102938R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QRM4 | 2CMA102711R1000 | 10         | 0.18                |
|                     |  Red    | 346...415 |           | 432QRM6 | 2CMA102385R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QRM9 | 2CMA102957R1000 |            |                     |



Dimensions (mm)

| Type      | A  | B  | C  | D  | E  | F  | G   | ØH  | ØI | K   |
|-----------|----|----|----|----|----|----|-----|-----|----|-----|
| 216QRM... | 70 | 70 | 56 | 56 | 24 | 49 | 95  | 5.5 | 44 | 86  |
| 316QRM... | 70 | 70 | 56 | 56 | 24 | 49 | 102 | 5.5 | 49 | 90  |
| 416QRM... | 70 | 70 | 56 | 56 | 24 | 49 | 110 | 5.5 | 56 | 94  |
| 232QRM... | 70 | 70 | 56 | 56 | 30 | 58 | 122 | 5.5 | 56 | 98  |
| 332QRM... | 70 | 70 | 56 | 56 | 30 | 58 | 122 | 5.5 | 56 | 98  |
| 432QRM... | 70 | 70 | 56 | 56 | 30 | 58 | 128 | 5.5 | 60 | 104 |

## Plugs










### IP67



432QP6W










#### 16 A. Watertight

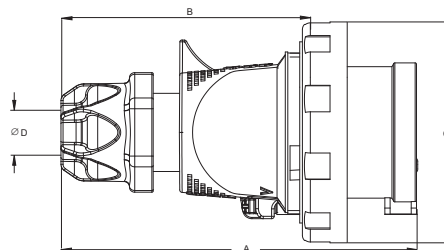
Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce) |
|                     |  |           |           |         |                 |            | kg            |
| 2P+E                |  |           |           |         |                 |            |               |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QP4W | 2CMA102589R1000 | 10         | 0.17          |
|                     |  Blue   | 200...250 |           | 216QP6W | 2CMA102296R1000 |            |               |
|                     |  Red    | 380...415 |           | 216QP9W | 2CMA102868R1000 |            |               |
| 3P+E                |  |           |           |         |                 |            |               |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QP4W | 2CMA102608R1000 | 10         | 0.19          |
|                     |  Red    | 380...415 |           | 316QP6W | 2CMA102315R1000 |            |               |
|                     |  Blue   | 200...250 |           | 316QP9W | 2CMA102887R1000 |            |               |
| 3P+N+E              |  |           |           |         |                 |            |               |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QP4W | 2CMA102628R1000 | 10         | 0.23          |
|                     |  Red   | 346...415 |           | 416QP6W | 2CMA102335R1000 |            |               |
|                     |  Blue | 208...250 |           | 416QP9W | 2CMA102907R1000 |            |               |

#### 32 A. Watertight

Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QP4W | 2CMA102648R1000 | 10         | 0.23                |
|                     |  Blue   | 200...250 |           | 232QP6W | 2CMA102355R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QP9W | 2CMA102927R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QP4W | 2CMA102700R1000 | 10         | 0.25                |
|                     |  Red    | 380...415 |           | 332QP6W | 2CMA102374R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QP9W | 2CMA102946R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QP4W | 2CMA102720R1000 | 10         | 0.29                |
|                     |  Red    | 346...415 |           | 432QP6W | 2CMA102394R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QP9W | 2CMA102966R1000 |            |                     |



Dimensions (mm)

| Type     | A   | B   | C   | ØD    |
|----------|-----|-----|-----|-------|
| 216QP... | 124 | 83  | 72  | 6-13  |
| 316QP... | 129 | 89  | 81  | 6-13  |
| 416QP... | 136 | 96  | 89  | 6-13  |
| 232QP... | 149 | 100 | 93  | 11-20 |
| 332QP... | 149 | 100 | 93  | 11-20 |
| 432QP... | 156 | 107 | 102 | 11-20 |

## Connectors










IP67



432QC6W










### 16 A. Watertight

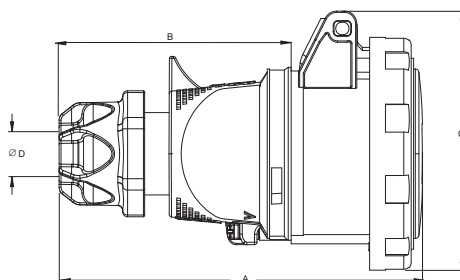
Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QC4W | 2CMA102590R1000 | 10         | 0.20                |
|                     |  Blue   | 200...250 |           | 216QC6W | 2CMA102297R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QC9W | 2CMA102869R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QC4W | 2CMA102609R1000 | 10         | 0.25                |
|                     |  Red    | 380...415 |           | 316QC6W | 2CMA102316R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QC9W | 2CMA102888R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QC4W | 2CMA102629R1000 | 10         | 0.27                |
|                     |  Red   | 346...415 |           | 416QC6W | 2CMA102336R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QC9W | 2CMA102908R1000 |            |                     |

### 32 A. Watertight

Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QC4W | 2CMA102649R1000 | 10         | 0.29                |
|                     |  Blue   | 200...250 |           | 232QC6W | 2CMA102356R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QC9W | 2CMA102928R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QC4W | 2CMA102701R1000 | 10         | 0.31                |
|                     |  Red    | 380...415 |           | 332QC6W | 2CMA102375R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QC9W | 2CMA102947R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QC4W | 2CMA102721R1000 | 10         | 0.32                |
|                     |  Red    | 346...415 |           | 432QC6W | 2CMA102395R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QC9W | 2CMA102967R1000 |            |                     |



Dimensions (mm)

| Type      | A   | B   | C   | ØD    |
|-----------|-----|-----|-----|-------|
| 216QC...W | 137 | 83  | 82  | 6-13  |
| 316QC...W | 143 | 89  | 89  | 6-13  |
| 416QC...W | 150 | 96  | 99  | 6-13  |
| 232QC...W | 166 | 100 | 102 | 11-20 |
| 332QC...W | 166 | 100 | 102 | 11-20 |
| 432QC...W | 173 | 107 | 109 | 11-20 |

## Inlets










for wall mounting, IP67



216QBS6W










### 16 A. Watertight

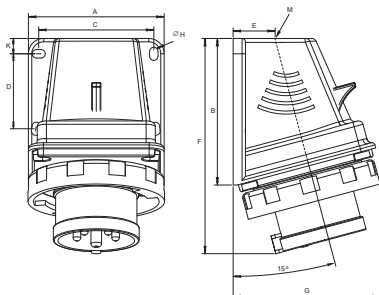
Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce) |
|                     |  |           |           |          |                 |            | kg            |
| 2P+E                |  |           |           |          |                 |            |               |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QBS4W | 2CMA102597R1000 | 10         | 0.23          |
|                     |  Blue   | 200...250 |           | 216QBS6W | 2CMA102304R1000 |            |               |
|                     |  Red    | 380...415 |           | 216QBS9W | 2CMA102876R1000 |            |               |
| 3P+E                |  |           |           |          |                 |            |               |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QBS4W | 2CMA102616R1000 | 10         | 0.29          |
|                     |  Red    | 380...415 |           | 316QBS6W | 2CMA102323R1000 |            |               |
|                     |  Blue   | 200...250 |           | 316QBS9W | 2CMA102895R1000 |            |               |
| 3P+N+E              |  |           |           |          |                 |            |               |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QBS4W | 2CMA102637R1000 | 10         | 0.30          |
|                     |  Red   | 346...415 |           | 416QBS6W | 2CMA102344R1000 |            |               |
|                     |  Blue | 208...250 |           | 416QBS9W | 2CMA102916R1000 |            |               |

### 32 A. Watertight

Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QBS4W | 2CMA102689R1000 | 10         | 0.24                |
|                     |  Blue   | 200...250 |           | 232QBS6W | 2CMA102363R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QBS9W | 2CMA102935R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QBS4W | 2CMA102708R1000 | 10         | 0.26                |
|                     |  Red    | 380...415 |           | 332QBS6W | 2CMA102382R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QBS9W | 2CMA102954R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QBS4W | 2CMA102727R1000 | 10         | 0.37                |
|                     |  Red    | 346...415 |           | 432QBS6W | 2CMA102401R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QBS9W | 2CMA102973R1000 |            |                     |



### Dimensions (mm)

| Type       | A    | B    | C  | D  | E    | F   | G   | K  | ØH  | M       |
|------------|------|------|----|----|------|-----|-----|----|-----|---------|
| 216QBS...W | 88.5 | 95.5 | 75 | 49 | 23.5 | 138 | 93  | 10 | 5.5 | M25x1.5 |
| 316QBS...W | 88.5 | 95.5 | 75 | 49 | 23.5 | 140 | 93  | 10 | 5.5 | M25x1.5 |
| 416QBS...W | 88.5 | 95.5 | 75 | 49 | 23.5 | 140 | 96  | 10 | 5.5 | M25x1.5 |
| 232QBS...W | 88.5 | 95.5 | 75 | 49 | 23.5 | 149 | 99  | 10 | 5.5 | M25x1.5 |
| 332QBS...W | 88.5 | 95.5 | 75 | 49 | 23.5 | 149 | 99  | 10 | 5.5 | M25x1.5 |
| 432QBS...W | 88.5 | 95.5 | 75 | 49 | 23.5 | 151 | 103 | 10 | 5.5 | M25x1.5 |

## Inlets










for panel mounting with unified straight flange, IP67



216QB6W










### 16 A. Watertight

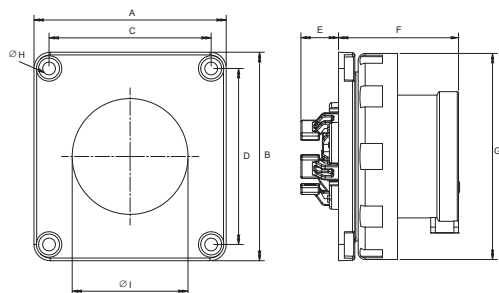
Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QB4W | 2CMA102595R1000 | 10         | 0.12                |
|                     |  Blue   | 200...250 |           | 216QB6W | 2CMA102302R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QB9W | 2CMA102874R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QB4W | 2CMA102614R1000 | 10         | 0.14                |
|                     |  Red    | 380...415 |           | 316QB6W | 2CMA102321R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QB9W | 2CMA102893R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QB4W | 2CMA102635R1000 | 10         | 0.18                |
|                     |  Red   | 346...415 |           | 416QB6W | 2CMA102342R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QB9W | 2CMA102914R1000 |            |                     |

### 32 A. Watertight

Housing in plastic (PA). Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QB4W | 2CMA102687R1000 | 10         | 0.20                |
|                     |  Blue   | 200...250 |           | 232QB6W | 2CMA102361R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QB9W | 2CMA102933R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QB4W | 2CMA102706R1000 | 10         | 0.22                |
|                     |  Red    | 380...415 |           | 332QB6W | 2CMA102380R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QB9W | 2CMA102952R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QB4W | 2CMA102725R1000 | 10         | 0.24                |
|                     |  Red    | 346...415 |           | 432QB6W | 2CMA102399R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QB9W | 2CMA102971R1000 |            |                     |



Dimensions (mm)

| Type      | A  | B  | C  | D  | E  | F  | G   | ØH  | ØI |
|-----------|----|----|----|----|----|----|-----|-----|----|
| 216QB...W | 83 | 90 | 70 | 76 | 17 | 52 | 90  | 5.5 | 65 |
| 316QB...W | 83 | 90 | 70 | 76 | 17 | 52 | 90  | 5.5 | 65 |
| 416QB...W | 83 | 90 | 70 | 76 | 17 | 52 | 90  | 5.5 | 65 |
| 232QB...W | 83 | 90 | 70 | 76 | 21 | 61 | 93  | 5.5 | 65 |
| 332QB...W | 83 | 90 | 70 | 76 | 21 | 61 | 93  | 5.5 | 65 |
| 432QB...W | 83 | 90 | 70 | 76 | 21 | 61 | 102 | 5.5 | 65 |



## Inlets










for panel mounting with unified angled flange, IP67



432QBA6W










### 16 A. Watertight

Housing in plastic (PA). Cable area 1...2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce) |
|                     |  |           |           |          |                 |            | kg            |
| 2P+E                |  |           |           |          |                 |            |               |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QBA4W | 2CMA102596R1000 | 10         | 0.12          |
|                     |  Blue   | 200...250 |           | 216QBA6W | 2CMA102303R1000 |            |               |
|                     |  Red    | 380...415 |           | 216QBA9W | 2CMA102875R1000 |            |               |
| 3P+E                |  |           |           |          |                 |            |               |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QBA4W | 2CMA102615R1000 | 10         | 0.22          |
|                     |  Red    | 380...415 |           | 316QBA6W | 2CMA102322R1000 |            |               |
|                     |  Blue   | 200...250 |           | 316QBA9W | 2CMA102894R1000 |            |               |
| 3P+N+E              |  |           |           |          |                 |            |               |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QBA4W | 2CMA102636R1000 | 10         | 0.24          |
|                     |  Red   | 346...415 |           | 416QBA6W | 2CMA102343R1000 |            |               |
|                     |  Blue | 208...250 |           | 416QBA9W | 2CMA102915R1000 |            |               |

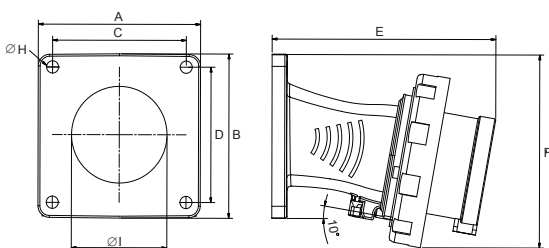
### 32 A. Watertight

Housing in plastic (PA). Cable area 2.5...6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QBA4W | 2CMA102688R1000 | 10         | 0.18                |
|                     |  Blue   | 200...250 |           | 232QBA6W | 2CMA102362R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QBA9W | 2CMA102934R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QBA4W | 2CMA102707R1000 | 10         | 0.20                |
|                     |  Red    | 380...415 |           | 332QBA6W | 2CMA102381R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QBA9W | 2CMA102953R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QBA4W | 2CMA102726R1000 | 10         | 0.25                |
|                     |  Red    | 346...415 |           | 432QBA6W | 2CMA102400R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QBA9W | 2CMA102972R1000 |            |                     |

### Dimensions (mm)

| Type       | A  | B  | C  | D  | E  | F  | G   | ØH | K  | M  |
|------------|----|----|----|----|----|----|-----|----|----|----|
| 216QBA...W | 83 | 90 | 70 | 76 | 37 | 50 | 103 | 5  | 52 | 65 |
| 316QBA...W | 83 | 90 | 70 | 76 | 37 | 52 | 109 | 5  | 56 | 68 |
| 416QBA...W | 83 | 90 | 70 | 76 | 37 | 55 | 119 | 5  | 62 | 72 |
| 232QBA...W | 83 | 90 | 70 | 76 | 43 | 62 | 125 | 5  | 66 | 76 |
| 332QBA...W | 83 | 90 | 70 | 76 | 43 | 62 | 125 | 5  | 66 | 76 |
| 432QBA...W | 83 | 90 | 70 | 76 | 49 | 59 | 133 | 5  | 72 | 82 |



## Socket outlet










for wall mounting, IP67



232QRS6W










### 16 A. Watertight

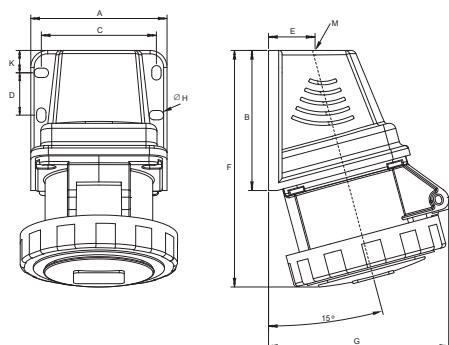
Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QRS4W | 2CMA102593R1000 | 5          | 0.25                |
|                     |  Blue   | 200...250 |           | 216QRS6W | 2CMA102300R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QRS9W | 2CMA102872R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QRS4W | 2CMA102612R1000 | 5          | 0.28                |
|                     |  Red    | 380...415 |           | 316QRS6W | 2CMA102319R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QRS9W | 2CMA102891R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QRS4W | 2CMA102633R1000 | 10         | 0.36                |
|                     |  Red   | 346...415 |           | 416QRS6W | 2CMA102340R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QRS9W | 2CMA102912R1000 |            |                     |

### 32 A. Watertight

Housing in plastic (PA). Fast connection. Cable entry with compression gland. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QRS4W | 2CMA102652R1000 | 5          | 0.38                |
|                     |  Blue   | 200...250 |           | 232QRS6W | 2CMA102359R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QRS9W | 2CMA102931R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QRS4W | 2CMA102704R1000 | 5          | 0.39                |
|                     |  Red    | 380...415 |           | 332QRS6W | 2CMA102378R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QRS9W | 2CMA102950R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QRS4W | 2CMA102724R1000 | 5          | 0.42                |
|                     |  Red    | 346...415 |           | 432QRS6W | 2CMA102398R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QRS9W | 2CMA102970R1000 |            |                     |



### Dimensions (mm)

| Type       | A    | B  | C  | D  | E    | F   | G   | K    | ØH  | M       |
|------------|------|----|----|----|------|-----|-----|------|-----|---------|
| 216QRS...W | 80.5 | 83 | 68 | 25 | 23.5 | 130 | 97  | 13.5 | 5.5 | M25x1.5 |
| 316QRS...W | 80.5 | 83 | 68 | 25 | 23.5 | 132 | 98  | 13.5 | 5.5 | M25x1.5 |
| 416QRS...W | 80.5 | 83 | 68 | 25 | 23.5 | 133 | 104 | 13.5 | 5.5 | M25x1.5 |
| 232QRS...W | 80.5 | 83 | 68 | 25 | 23.5 | 140 | 108 | 13.5 | 5.5 | M25x1.5 |
| 332QRS...W | 80.5 | 83 | 68 | 25 | 23.5 | 140 | 108 | 13.5 | 5.5 | M25x1.5 |
| 432QRS...W | 80.5 | 83 | 68 | 25 | 23.5 | 143 | 108 | 13.5 | 5.5 | M25x1.5 |

## Sockets outlet










for panel mounting with unified straight flange, IP67



432QR6W










### 16 A. Watertight

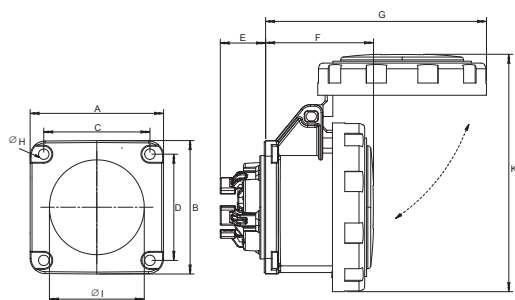
Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QR4W | 2CMA102591R1000 | 10         | 0.13                |
|                     |  Blue   | 200...250 |           | 216QR6W | 2CMA102298R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QR9W | 2CMA102870R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QR4W | 2CMA102610R1000 | 10         | 0.14                |
|                     |  Red    | 380...415 |           | 316QR6W | 2CMA102317R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QR9W | 2CMA102889R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QR4W | 2CMA102631R1000 | 10         | 0.15                |
|                     |  Red   | 346...415 |           | 416QR6W | 2CMA102338R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QR9W | 2CMA102910R1000 |            |                     |

### 32 A. Watertight

Housing in plastic (PA). Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QR4W | 2CMA102650R1000 | 10         | 0.18                |
|                     |  Blue   | 200...250 |           | 232QR6W | 2CMA102357R1000 |            |                     |
|                     |  Red    | 380...415 |           | 232QR9W | 2CMA102929R1000 |            |                     |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QR4W | 2CMA102702R1000 | 10         | 0.25                |
|                     |  Red    | 380...415 |           | 332QR6W | 2CMA102376R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 332QR9W | 2CMA102948R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QR4W | 2CMA102722R1000 | 10         | 0.28                |
|                     |  Red    | 346...415 |           | 432QR6W | 2CMA102396R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 432QR9W | 2CMA102968R1000 |            |                     |



Dimensions (mm)

| Type     | A  | B  | C  | D  | E  | F  | G   | ØH  | ØI | K   |
|----------|----|----|----|----|----|----|-----|-----|----|-----|
| 216QR... | 75 | 75 | 60 | 60 | 24 | 57 | 102 | 5.5 | 44 | 108 |
| 316QR... | 75 | 75 | 60 | 60 | 24 | 58 | 109 | 5.5 | 49 | 114 |
| 416QR... | 75 | 75 | 60 | 60 | 24 | 58 | 117 | 5.5 | 56 | 126 |
| 232QR... | 75 | 75 | 60 | 60 | 30 | 67 | 128 | 5.5 | 56 | 132 |
| 332QR... | 75 | 75 | 60 | 60 | 30 | 67 | 128 | 5.5 | 56 | 132 |
| 432QR... | 75 | 75 | 60 | 60 | 30 | 67 | 133 | 5.5 | 60 | 140 |

## Socket outlet










for panel mounting with unified angled flange, IP67



216QRA6W










### 16 A. Watertight

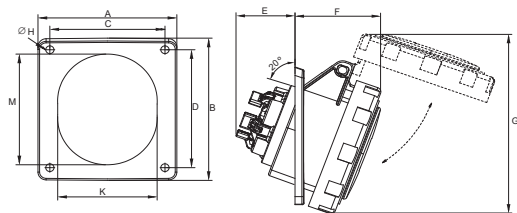
Housing in plastic (PA). Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 216QRA4W | 2CMA102592R1000 | 10         | 0.17                |
|                     |  Blue   | 200...250 |           | 216QRA6W | 2CMA102299R1000 |            |                     |
|                     |  Red    | 380...415 |           | 216QRA9W | 2CMA102871R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Yellow | 100...130 | 50 and 60 | 316QRA4W | 2CMA102611R1000 | 10         | 0.19                |
|                     |  Red    | 380...415 |           | 316QRA6W | 2CMA102318R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 316QRA9W | 2CMA102890R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QRA4W | 2CMA102632R1000 | 10         | 0.23                |
|                     |  Red   | 346...415 |           | 416QRA6W | 2CMA102339R1000 |            |                     |
|                     |  Blue | 208...250 |           | 416QRA9W | 2CMA102911R1000 |            |                     |

### 32 A. Watertight

Housing in plastic (PA). Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--|-----------|-----------|----------|-----------------|------------|-------------------------|
|                     |  | V         | Hz        |          |                 |            | kg                      |
| 2P+E                |  |           |           |          |                 |            |                         |
| 3                   |  Yellow | 100...130 | 50 and 60 | 232QRA4W | 2CMA102651R1000 | 10         | 0.24                    |
|                     |  Blue   | 200...250 |           | 232QRA6W | 2CMA102358R1000 |            |                         |
|                     |  Red    | 380...415 |           | 232QRA9W | 2CMA102930R1000 |            |                         |
| 3P+E                |  |           |           |          |                 |            |                         |
| 4                   |  Yellow | 100...130 | 50 and 60 | 332QRA4W | 2CMA102703R1000 | 10         | 0.26                    |
|                     |  Red    | 380...415 |           | 332QRA6W | 2CMA102377R1000 |            |                         |
|                     |  Blue   | 200...250 |           | 332QRA9W | 2CMA102949R1000 |            |                         |
| 3P+N+E              |  |           |           |          |                 |            |                         |
| 5                   |  Yellow | 100...130 | 50 and 60 | 432QRA4W | 2CMA102723R1000 | 10         | 0.29                    |
|                     |  Red    | 346...415 |           | 432QRA6W | 2CMA102397R1000 |            |                         |
|                     |  Blue   | 208...250 |           | 432QRA9W | 2CMA102969R1000 |            |                         |



### Dimensions (mm)

| Type       | A  | B  | C  | D  | E  | F  | G   | ØH | K  | M  |
|------------|----|----|----|----|----|----|-----|----|----|----|
| 216QRA...W | 83 | 90 | 70 | 76 | 37 | 50 | 106 | 5  | 52 | 65 |
| 316QRA...W | 83 | 90 | 70 | 76 | 37 | 52 | 109 | 5  | 56 | 68 |
| 416QRA...W | 83 | 90 | 70 | 76 | 37 | 55 | 119 | 5  | 62 | 72 |
| 232QRA...W | 83 | 90 | 70 | 76 | 43 | 62 | 125 | 5  | 66 | 76 |
| 332QRA...W | 83 | 90 | 70 | 76 | 43 | 62 | 125 | 5  | 66 | 76 |
| 432QRA...W | 83 | 90 | 70 | 76 | 49 | 59 | 133 | 5  | 72 | 82 |




# Sockets outlet

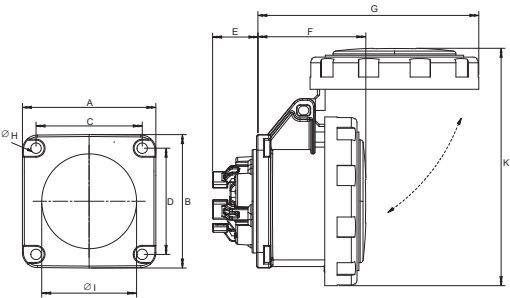
for panel mounting with minimized straight flange, IP67



416QRM6W

**16 A. Watertight**  
Housing in plastic (PA). Cable area 1.5...4 mm²

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 416QRM4W | 2CMA102630R1000 | 10         | 0.17                |
|                     |  Red    | 346...415 |           | 416QRM6W | 2CMA102337R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 416QRM9W | 2CMA102909R1000 |            |                     |



Dimensions (mm)

| Type       | A  | B  | C  | D  | E  | F  | G   | ØH  | ØI | K   |
|------------|----|----|----|----|----|----|-----|-----|----|-----|
| 416QRM...W | 70 | 70 | 56 | 56 | 19 | 57 | 117 | 5.5 | 56 | 125 |

# Industrial plugs and sockets

## Critical & Safe

### Switched interlocked socket outlet



Heavy duty, Type MVS...WH  
16 A...32 A, IP67



Heavy duty, Type MVS...WH  
63 A...125 A, IP67



Vertical with RCD protection,  
Type MPR..., 16 A...32 A, IP44



Vertical, Type MVS...  
16 A...32 A, IP44



Vertical, Type MVS...W  
16 A...32 A, IP67



Metal enclosed, Type MM...  
16 A...32 A, IP44



Metal enclosed, Type MM...  
63 A, IP44



Metal enclosed, Type MM  
125 A, IP44



Horizontal, Type MHS...  
16 A...32 A, IP44



Horizontal, Type MHS  
63 A, IP44



Horizontal, Type MHS...W  
16 A...32 A, IP67



Horizontal, Type MHS..W  
63 A, IP67

### Surface socket outlet with MCB or RCD



Vertical with MCB protection,  
Type RPM..., 16 A...32 A, IP44



Vertical with RCD protection,  
Type RPR..., 16 A...32 A, IP44



---

# Industrial plugs and sockets

## Critical & Safe

Our new industrial plugs and sockets complements ABB's strong low-voltage offer. These plugs and sockets are part of Critical & Safe. Critical & Safe is a product range suitable for general use in most applications.

"Critical & Safe is the range for applications with high demands on safety, durability and performance. The product range is perfect for applications with frequent connection/disconnection, and to use in public areas. Switch interlock system provides high product and personal safety, thanks to the mechanism it is not possible to turn on the product if a correct plug is not engaged, which in turn means that the risk of personal injuries decreases if by accident coming in contact with live parts. The plug cannot be disengaged if the mechanism is turned on. The only way to engage and disengage the plug from the socket outlet is if the mechanism is switched off.

The housing is made of PBT or aluminum. PBT is a tough plastic material that withstands heavy-duty usage and most chemicals found in industrial environments. The aluminum housing is a mix of aluminium and silicon called silumin, which gives an excellent protection against corrosion while being robust and tough against impact and sunlight."



## Switched interlocked socket outlets



















Heavy duty



416MVS6WH

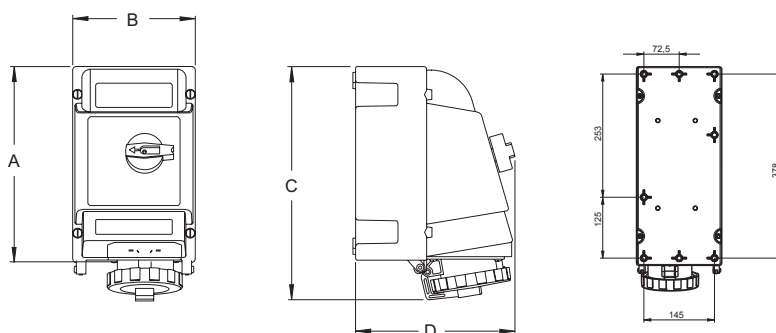
### 16 A. IP67/IP69. Watertight

Housing in plastic (PBT). Cable entry with knock-outs Ø 25+32 mm on top and drill marks on bottom.  
Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency  | Type       | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|------------|------------|-----------------|------------|---------------------|
|                     |   | V         | Hz         |            |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |            |            |                 |            |                     |
| 3                   |  Grey    |           | AC         | 216MVS1WH  | 2CMA163255R1000 | 1          | 1.75                |
|                     |  Yellow  | 100...130 | 50 and 60  | 216MVS4WH  | 2CMA163256R1000 |            |                     |
|                     |  Blue    | 200...250 |            | 216MVS6WH  | 2CMA163257R1000 |            |                     |
|                     |  Red     | 380...415 |            | 216MVS9WH  | 2CMA163258R1000 |            |                     |
|                     |  Grey    | transf    |            | 216MVS12WH | 2CMA163259R1000 |            |                     |
| 3P+E                |   |           |            |            |                 |            |                     |
| 4                   |  Grey    |           | AC         | 316MVS1WH  | 2CMA163261R1000 | 1          | 1.79                |
|                     |  Yellow  | 100...130 | 50 and 60  | 316MVS4WH  | 2CMA163262R1000 |            |                     |
|                     |  Black   | 600...690 |            | 316MVS5WH  | 2CMA163263R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316MVS6WH  | 2CMA163264R1000 |            |                     |
|                     |  Black | 480...500 |            | 316MVS7WH  | 2CMA163265R1000 |            |                     |
|                     |  Blue  | 200...250 |            | 316MVS9WH  | 2CMA163266R1000 |            |                     |
|                     |  Green | > 50 V~   | 100...300  | 316MVS10WH | 2CMA163267R1000 |            |                     |
|                     |  Red   | 440...460 | 60         | 316MVS11WH | 2CMA163268R1000 |            |                     |
| 3P+N+E              |   |           |            |            |                 |            |                     |
| 5                   |  Grey  |           | AC         | 416MVS1WH  | 2CMA163270R1000 | 1          | 1.83                |
|                     |  Green | > 50 V~   | >300...500 | 416MVS2WH  | 2CMA163271R1000 |            |                     |
|                     |  Red   | 346...415 | 50 and 60  | 416MVS6WH  | 2CMA163272R1000 |            |                     |
|                     |  Black | 480...500 |            | 416MVS7WH  | 2CMA101713R1000 |            |                     |
|                     |  Blue  | 208...250 |            | 416MVS9WH  | 2CMA163273R1000 |            |                     |

- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



### Dimensions (mm)

| Type        | A   | B   | C   | D   |
|-------------|-----|-----|-----|-----|
| 216MVS...WH | 255 | 160 | 306 | 205 |
| 316MVS...WH | 255 | 160 | 306 | 205 |
| 416MVS...WH | 255 | 160 | 306 | 205 |



## Switched interlocked socket outlets























Heavy duty



432MVS6WH

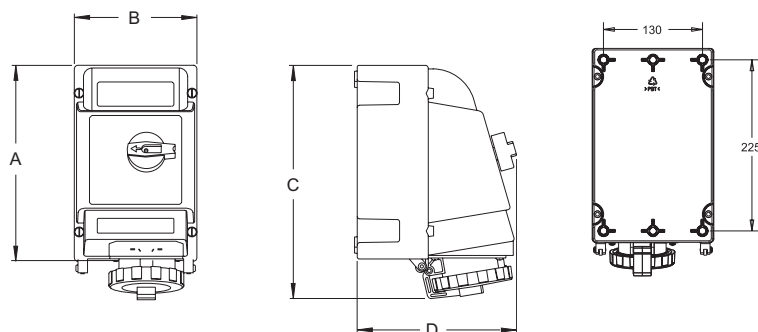
### 32 A. IP67/IP69. Watertight

Housing in plastic (PBT). Cable entry with knock-outs Ø 25+32 mm on top and drill marks on bottom.  
Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage    | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|------------|------------|-----------------|-----------------|------------|---------------------|
|                     |  | V          | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |            |            |                 |                 |            |                     |
| 3                   |  Grey     |            | AC         | 232MVS1WH       | 2CMA163275R1000 | 1          | 1.87                |
|                     |  Grey     | > 50...250 | DC         | 232MVS3WH       | 2CMA105985R1000 |            |                     |
|                     |  Yellow   | 100...130  | 50 and 60  | 232MVS4WH       | 2CMA105108R1000 |            |                     |
|                     |  Blue     | 200...250  |            | 232MVS6WH       | 2CMA163276R1000 |            |                     |
|                     |  Red      | 380...415  |            | 232MVS9WH       | 2CMA105109R1000 |            |                     |
|                     |  Grey     | transf.    | 232MVS12WH | 2CMA105110R1000 |                 |            |                     |
| 3P+E                |  |            |            |                 |                 |            |                     |
| 4                   |  Grey     |            | AC         | 332MVS1WH       | 2CMA163277R1000 | 1          | 1.91                |
|                     |  Red      | 380/440    | 50/60      | 332MVS3WH       | 2CMA100662R1000 |            |                     |
|                     |  Yellow   | 100...130  | 50 and 60  | 332MVS4WH       | 2CMA105111R1000 |            |                     |
|                     |  Black  | 600...690  |            | 332MVS5WH       | 2CMA163278R1000 |            |                     |
|                     |  Red    | 380...415  |            | 332MVS6WH       | 2CMA163279R1000 |            |                     |
|                     |  Black  | 480...500  | 332MVS7WH  | 2CMA163280R1000 |                 |            |                     |
|                     |  Blue   | 200...250  | 332MVS9WH  | 2CMA163281R1000 |                 |            |                     |
|                     |  Green  | > 50 V~    | 100...300  | 332MVS10WH      | 2CMA105112R1000 |            |                     |
|                     |  Red    | 440...460  | 60         | 332MVS11WH      | 2CMA105113R1000 |            |                     |
| 3P+N+E              |  |            |            |                 |                 |            |                     |
| 5                   |  Grey   |            | AC         | 432MVS1WH       | 2CMA163284R1000 | 1          | 1.95                |
|                     |  Green  | > 50 V~    | >300...500 | 432MVS2WH       | 2CMA105114R1000 |            |                     |
|                     |  Yellow | 100...130  | 50 and 60  | 432MVS4WH       | 2CMA105115R1000 |            |                     |
|                     |  Red    | 346...415  |            | 432MVS6WH       | 2CMA163285R1000 |            |                     |
|                     |  Black  | 480...500  |            | 432MVS7WH       | 2CMA163286R1000 |            |                     |
|                     |  Blue   | 208...250  | 432MVS9WH  | 2CMA101701R1000 |                 |            |                     |
|                     |  Red    | 440...460  | 60         | 432MVS11WH      | 2CMA105117R1000 |            |                     |

- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



Dimensions (mm)

| Type        | A   | B   | C   | D   |
|-------------|-----|-----|-----|-----|
| 232MVS...WH | 255 | 160 | 306 | 205 |
| 332MVS...WH | 255 | 160 | 306 | 205 |
| 432MVS...WH | 255 | 160 | 306 | 205 |

## Switched interlocked socket outlets



















Heavy duty



463MVS6WH

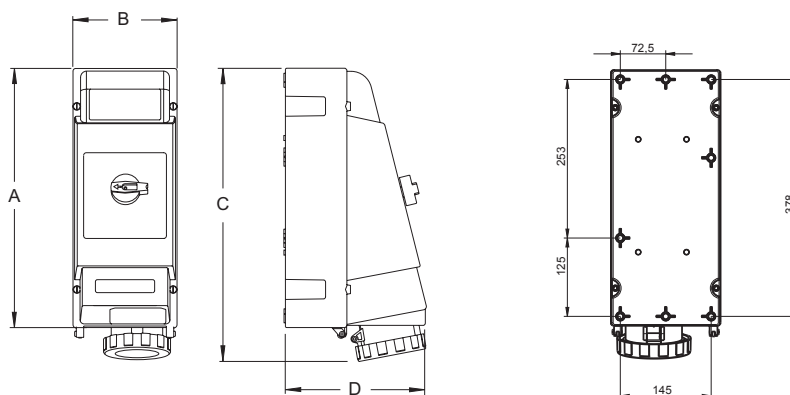
### 63 A. IP67/IP69. Watertight

Housing in plastic (PBT). Cable entry with knock-outs Ø 40+50 mm on top and drill marks on bottom.  
Cable area 6...25 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type       | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|------------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |            |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |            |                 |            |                     |
| 3                   |  Grey     |           | AC        | 263MVS1WH  | 2CMA162831R1000 | 1          | 3.50                |
|                     |  Yellow   | 100...130 | 50 and 60 | 263MVS4WH  | 2CMA162827R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 263MVS6WH  | 2CMA162828R1000 |            |                     |
|                     |  Red      | 380...415 |           | 263MVS9WH  | 2CMA162829R1000 |            |                     |
| 3P+E                |  |           |           |            |                 |            |                     |
| 4                   |  Grey     |           | AC        | 363MVS1WH  | 2CMA162841R1000 | 1          | 3.50                |
|                     |  Yellow   | 100...130 | 50 and 60 | 363MVS4WH  | 2CMA162834R1000 |            |                     |
|                     |  Black    | 600...690 |           | 363MVS5WH  | 2CMA162835R1000 |            |                     |
|                     |  Red      | 380...415 |           | 363MVS6WH  | 2CMA162836R1000 |            |                     |
|                     |  Black    | 480...500 |           | 363MVS7WH  | 2CMA162837R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 363MVS9WH  | 2CMA162838R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 363MVS11WH | 2CMA162840R1000 |            |                     |
|                     |  |           |           |            |                 |            |                     |
| 3P+N+E              |  |           |           |            |                 |            |                     |
| 5                   |  Grey   |           | AC        | 463MVS1WH  | 2CMA162849R1000 | 1          | 3.60                |
|                     |  Yellow | 100...130 | 50 and 60 | 463MVS4WH  | 2CMA162844R1000 |            |                     |
|                     |  Red    | 346...415 |           | 463MVS6WH  | 2CMA162845R1000 |            |                     |
|                     |  Black  | 600...690 |           | 463MVS5WH  | 2CMA162805R1000 |            |                     |
|                     |  Black  | 480...500 |           | 463MVS7WH  | 2CMA162846R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 463MVS9WH  | 2CMA162847R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 463MVS11WH | 2CMA162848R1000 |            |                     |
|                     |  |           |           |            |                 |            |                     |

- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



### Dimensions (mm)

| Type        | A   | B   | C   | D   |
|-------------|-----|-----|-----|-----|
| 263MVS...WH | 408 | 175 | 463 | 241 |
| 363MVS...WH | 408 | 175 | 463 | 241 |
| 463MVS...WH | 408 | 175 | 463 | 241 |

## Switched interlocked socket outlets



















Heavy duty



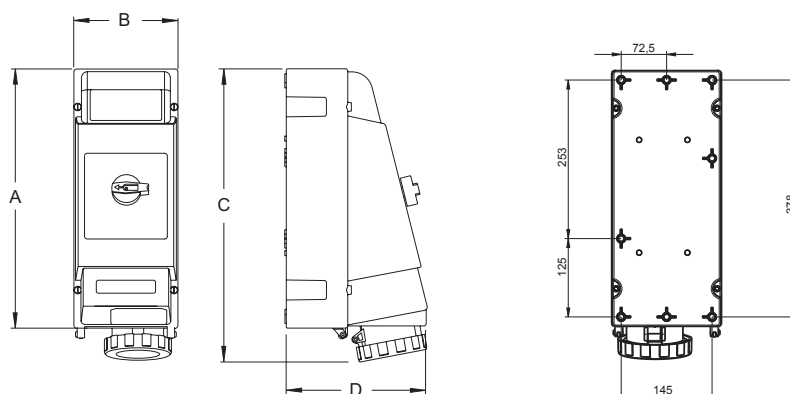
4125MVS6WH

### 125 A. IP67/IP69. Watertight

Housing in plastic (PBT). Cable entry with knock-outs Ø 40+50 mm on top and drill marks on bottom. Long phase sleeves and pilot sleeve. Cable area 16...70 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |                 |                 |            |                     |
| 3                   |  Grey     |           | AC         | 2125MVS1WH      | 2CMA162740R1000 | 1          | 4.20                |
|                     |  Yellow   | 100...130 | 50 and 60  | 2125MVS4WH      | 2CMA162738R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 2125MVS6WH      | 2CMA162739R1000 |            |                     |
|                     |  Red      | 380...415 |            | 2125MVS9WH      | 2CMA101837R1000 |            |                     |
| 3P+E                |  |           |            |                 |                 |            |                     |
| 4                   |  Grey     |           | AC         | 3125MVS1WH      | 2CMA162746R1000 | 1          | 4.40                |
|                     |  Yellow   | 100...130 | 50 and 60  | 3125MVS4WH      | 2CMA162741R1000 |            |                     |
|                     |  Red      | 380...415 |            | 3125MVS6WH      | 2CMA162742R1000 |            |                     |
|                     |  Black    | 600...690 |            | 3125MVS5WH      | 2CMA162747R1000 |            |                     |
|                     |  Black    | 480...500 | 3125MVS7WH | 2CMA162743R1000 |                 |            |                     |
|                     |  Blue   | 200...250 | 3125MVS9WH | 2CMA162744R1000 |                 |            |                     |
|                     |  Red    | 440...460 | 60         | 3125MVS11WH     | 2CMA162745R1000 |            |                     |
| 3P+N+E              |  |           |            |                 |                 |            |                     |
| 5                   |  Grey   |           | AC         | 4125MVS1WH      | 2CMA162796R1000 | 1          | 4.50                |
|                     |  Yellow | 100...130 | 50 and 60  | 4125MVS4WH      | 2CMA162791R1000 |            |                     |
|                     |  Red    | 346...415 |            | 4125MVS6WH      | 2CMA162792R1000 |            |                     |
|                     |  Black  | 600...690 |            | 4125MVS5WH      | 2CMA162797R1000 |            |                     |
|                     |  Black  | 480...500 | 4125MVS7WH | 2CMA162793R1000 |                 |            |                     |
|                     |  Blue   | 208...250 | 4125MVS9WH | 2CMA162794R1000 |                 |            |                     |
|                     |  Red    | 440...460 | 60         | 4125MVS11WH     | 2CMA162795R1000 |            |                     |

- The switch handle is padlockable (5-8 mm shackle)
- The switch insert can be equipped with an auxiliary contact, (see page 102)



Dimensions (mm)

| Type         | A   | B   | C   | D   |
|--------------|-----|-----|-----|-----|
| 2125MVS...WH | 408 | 175 | 463 | 241 |
| 3125MVS...WH | 408 | 175 | 463 | 241 |
| 4125MVS...WH | 408 | 175 | 463 | 241 |

## Switched interlocked socket outlets















Metal enclosed



416MM6

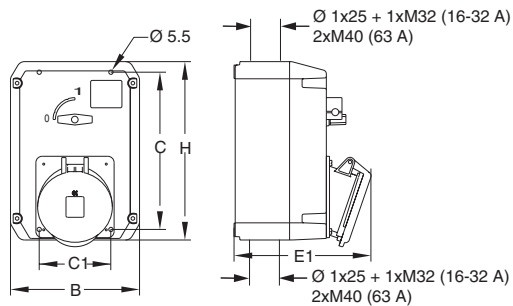
### 16 A. IP44. Splashproof

Housing in aluminum. Cable entry 2 x M25 + 2 x M32. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency  | Type    | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|---|-----------|------------|---------|-----------------|------------|-------------------------|
|                     |   | V         | Hz         |         |                 |            | kg                      |
| 3P+E                |   |           |            |         |                 |            |                         |
| 4                   |  Grey    |           | AC         | 316MM1  | 2CMA167980R1000 | 1          | 1.30                    |
|                     |  Yellow  | 100...130 | 50 and 60  | 316MM4  | 2CMA167973R1000 |            |                         |
|                     |  Black   | 600...690 |            | 316MM5  | 2CMA167974R1000 |            |                         |
|                     |  Red     | 380...415 |            | 316MM6  | 2CMA167975R1000 |            |                         |
|                     |  Black   | 480...500 |            | 316MM7  | 2CMA167976R1000 |            |                         |
|                     |  Blue    | 200...250 |            | 316MM9  | 2CMA167977R1000 |            |                         |
|                     |  Green   | > 50 V~   | 100...300  | 316MM10 | 2CMA167978R1000 |            |                         |
|                     |  Red     | 440...460 | 60         | 316MM11 | 2CMA167979R1000 |            |                         |
| 3P+N+E              |   |           |            |         |                 |            |                         |
| 5                   |  Grey    |           | AC         | 416MM1  | 2CMA167988R1000 | 1          | 1.32                    |
|                     |  Green | > 50 V~   | >300...500 | 416MM2  | 2CMA167981R1000 |            |                         |
|                     |  Black | 600...690 | 50 and 60  | 416MM5  | 2CMA126695R1000 |            |                         |
|                     |  Red   | 346...415 |            | 416MM6  | 2CMA167984R1000 |            |                         |
|                     |  Blue  | 208...250 |            | 416MM9  | 2CMA167986R1000 |            |                         |
|                     |  Red   | 440...460 | 60         | 416MM11 | 2CMA167987R1000 |            |                         |

- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



### Dimensions (mm)

| Type     | B   | C   | C1   | E1  | H   |
|----------|-----|-----|------|-----|-----|
| 316MM... | 135 | 165 | 91.5 | 125 | 198 |
| 416MM... | 135 | 165 | 91.5 | 125 | 198 |

## Switched interlocked socket outlets
















Metal enclosed



416MM6

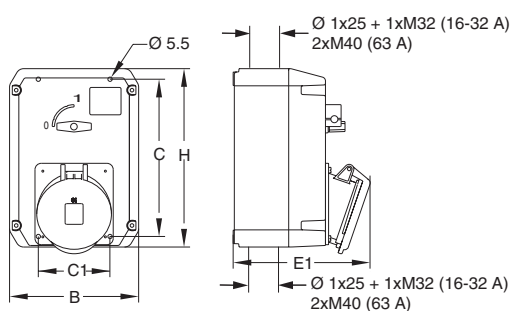
### 32 A. IP44. Splashproof

Housing in aluminum. Cable entry 2 x M25 + 2 x M32. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 3P+E                |   |           |           |         |                 |            |                     |
| 4                   |  Grey    |           | AC        | 332MM1  | 2CMA167998R1000 | 1          | 1.42                |
|                     |  Red     | 380/440   | 50/60     | 332MM3  | 2CMA167990R1000 |            |                     |
|                     |  Yellow  | 100...130 | 50 and 60 | 332MM4  | 2CMA167991R1000 |            |                     |
|                     |  Black   | 600...690 |           | 332MM5  | 2CMA167992R1000 |            |                     |
|                     |  Red     | 380...415 |           | 332MM6  | 2CMA167993R1000 |            |                     |
|                     |  Black   | 480...500 |           | 332MM7  | 2CMA167994R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 332MM9  | 2CMA167995R1000 |            |                     |
|                     |  Green   | > 50 V~   | 100...300 | 332MM10 | 2CMA167996R1000 |            |                     |
|                     |  Red     | 440...460 | 60        | 332MM11 | 2CMA167997R1000 |            |                     |
| 3P+N+E              |   |           |           |         |                 |            |                     |
| 5                   |  Grey  |           | AC        | 432MM1  | 2CMA168006R1000 | 1          | 1.48                |
|                     |  Black | 600...690 | 50 and 60 | 432MM5  | 2CMA126696R1000 |            |                     |
|                     |  Red   | 346...415 |           | 432MM6  | 2CMA168002R1000 |            |                     |
|                     |  Black | 480...500 |           | 432MM7  | 2CMA168003R1000 |            |                     |
|                     |  Blue  | 208...250 |           | 432MM9  | 2CMA168004R1000 |            |                     |
|                     |  Red   | 440...460 | 60        | 432MM11 | 2CMA100027R1000 |            |                     |

- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



### Dimensions (mm)

| Type     | B   | C   | C1   | E1  | H   |
|----------|-----|-----|------|-----|-----|
| 332MM... | 135 | 165 | 91.5 | 135 | 198 |
| 432MM... | 135 | 165 | 91.5 | 135 | 198 |

## Switched interlocked socket outlets

















Metal enclosed



263MM6

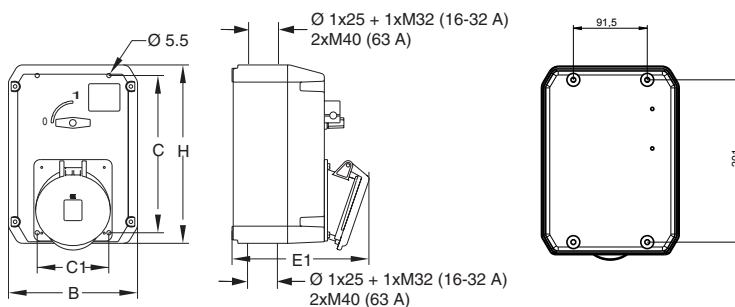
### 63 A. IP44. Splashproof

Housing in aluminum. Cable entry 4 x M40. Cable area 6...25 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |           |         |                 |            |                     |
| 3                   |  Grey    |           | AC        | 263MM1  | 2CMA168033R1000 | 1          | 2.20                |
|                     |  Yellow  | 100...130 | 50 and 60 | 263MM4  | 2CMA168030R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 263MM6  | 2CMA168031R1000 |            |                     |
|                     |  Red     | 380...415 |           | 263MM9  | 2CMA168032R1000 |            |                     |
| 3P+E                |   |           |           |         |                 |            |                     |
| 4                   |  Grey    |           | AC        | 363MM1  | 2CMA168040R1000 | 1          | 2.22                |
|                     |  Yellow  | 100...130 | 50 and 60 | 363MM4  | 2CMA168034R1000 |            |                     |
|                     |  Black   | 600...690 |           | 363MM5  | 2CMA168035R1000 |            |                     |
|                     |  Red     | 380...415 |           | 363MM6  | 2CMA168036R1000 |            |                     |
|                     |  Black   | 480...500 |           | 363MM7  | 2CMA168037R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 363MM9  | 2CMA168038R1000 |            |                     |
|                     |  Red   | 440...460 | 60        | 363MM11 | 2CMA168039R1000 |            |                     |
| 3P+N+E              |   |           |           |         |                 |            |                     |
| 5                   |  Grey  |           | AC        | 463MM1  | 2CMA168046R1000 | 1          | 2.35                |
|                     |  Black | 600...690 | 50 and 60 | 463MM5  | 2CMA126697R1000 |            |                     |
|                     |  Red   | 346...415 |           | 463MM6  | 2CMA168042R1000 |            |                     |
|                     |  Black | 480...500 |           | 463MM7  | 2CMA168043R1000 |            |                     |
|                     |  Blue  | 208...250 |           | 463MM9  | 2CMA168044R1000 |            |                     |

- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



### Dimensions (mm)

| Type     | B   | C   | C1   | E1  | H   |
|----------|-----|-----|------|-----|-----|
| 263MM... | 165 | 201 | 91.5 | 183 | 228 |
| 363MM... | 165 | 201 | 91.5 | 183 | 228 |
| 463MM... | 165 | 201 | 91.5 | 183 | 228 |

## Switched interlocked socket outlets













Metal enclosed



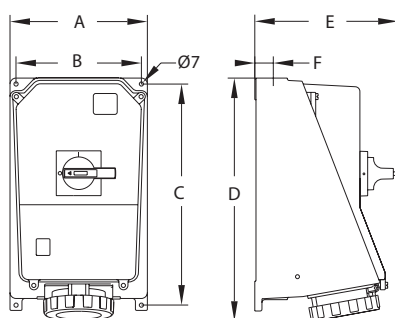
4125MM6

### 125 A. IP44. Splashproof

Housing in aluminum. Long phase sleeves and pilot sleeve. Cable entry 1 x M50. Cable area 16...70 mm²

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|---|-----------|-----------|----------|-----------------|------------|-------------------------------|
|                     |   | V         | Hz        |          |                 |            |                               |
| 2P+E                |   |           |           |          |                 |            |                               |
|                     |  Blue    | 200...250 | 50 and 60 | 2125MM6  | 2CMA168047R1000 | 1          | 7.70                          |
| 3P+E                |   |           |           |          |                 |            |                               |
| 4                   |  Grey    |           | AC        | 3125MM1  | 2CMA168052R1000 | 1          | 7.90                          |
|                     |  Black   | 600...690 | 50 and 60 | 3125MM5  | 2CMA168061R1000 |            |                               |
|                     |  Red     | 380...415 |           | 3125MM6  | 2CMA168048R1000 |            |                               |
|                     |  Black   | 480...500 |           | 3125MM7  | 2CMA168049R1000 |            |                               |
|                     |  Blue    | 200...250 |           | 3125MM9  | 2CMA168050R1000 |            |                               |
|                     |  Red     | 440...460 | 60        | 3125MM11 | 2CMA168051R1000 |            |                               |
| 3P+N+E              |   |           |           |          |                 |            |                               |
| 5                   |  Grey   |           | AC        | 4125MM1  | 2CMA168056R1000 | 1          | 8.10                          |
|                     |  Black | 600...690 | 50 and 60 | 4125MM5  | 2CMA126698R1000 |            |                               |
|                     |  Red   | 346...415 |           | 4125MM6  | 2CMA168053R1000 |            |                               |
|                     |  Black | 480...500 |           | 4125MM7  | 2CMA168054R1000 |            |                               |
|                     |  Red   | 440...460 | 60        | 4125MM11 | 2CMA168055R1000 |            |                               |

- The switch handle is padlockable (5-8 mm shackle)
- The switch insert can be equipped with an auxiliary contact, (see page 102)



### Dimensions (mm)

| Type      | A   | B   | C   | D   | E   | F  |
|-----------|-----|-----|-----|-----|-----|----|
| 2125MM... | 230 | 210 | 370 | 405 | 230 | 31 |
| 3125MM... | 230 | 210 | 370 | 405 | 230 | 31 |
| 4125MM... | 230 | 210 | 370 | 405 | 230 | 31 |

## Switched interlocked socket outlets



















### Horizontal



432MHS6












#### 16 A. IP44. Splashproof

Housing in plastic (PBT). Cable entry with knock-outs Ø 25 mm up/M25 down. Cable area 1.5...4 mm²

| Terminals/<br>Poles | Color<br>code   | Voltage<br>V | Frequency<br>Hz | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|---|--------------|-----------------|----------|-----------------|------------|-------------------------------|
| 2P+E                |   |              |                 |          |                 |            |                               |
| 3                   |  Grey    |              | AC              | 216MHS1  | 2CMA167626R1000 | 1          | 0.55                          |
|                     |  Yellow  | 100...130    | 50 and 60       | 216MHS4  | 2CMA167622R1000 |            |                               |
|                     |  Blue    | 200...250    |                 | 216MHS6  | 2CMA167623R1000 |            |                               |
|                     |  Red     | 380...415    |                 | 216MHS9  | 2CMA167624R1000 |            |                               |
|                     |  Grey    | transf.      |                 | 216MHS12 | 2CMA167625R1000 |            |                               |
| 3P+E                |   |              |                 |          |                 |            |                               |
| 4                   |  Grey    |              | AC              | 316MHS1  | 2CMA167636R1000 | 1          | 0.58                          |
|                     |  Yellow  | 100...130    | 50 and 60       | 316MHS4  | 2CMA167629R1000 |            |                               |
|                     |  Black   | 600...690    |                 | 316MHS5  | 2CMA167630R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 316MHS6  | 2CMA167631R1000 |            |                               |
|                     |  Black | 480...500    |                 | 316MHS7  | 2CMA167632R1000 |            |                               |
|                     |  Blue  | 200...250    |                 | 316MHS9  | 2CMA167633R1000 |            |                               |
|                     |  Green | > 50 V~      | 100...300       | 316MHS10 | 2CMA167634R1000 |            |                               |
|                     |  Red   | 440...460    | 60              | 316MHS11 | 2CMA167635R1000 |            |                               |
| 3P+N+E              |   |              |                 |          |                 |            |                               |
| 5                   |  Grey  |              | AC              | 416MHS1  | 2CMA167644R1000 | 1          | 0.61                          |
|                     |  Green | > 50 V~      | 100...300       | 416MHS2  | 2CMA167637R1000 |            |                               |
|                     |  Black | 600...690    | 50 and 60       | 416MHS5  | 2CMA126684R1000 |            |                               |
|                     |  Red   | 346...415    |                 | 416MHS6  | 2CMA167640R1000 |            |                               |
|                     |  Blue  | 200...250    |                 | 416MHS9  | 2CMA167642R1000 |            |                               |

#### 32 A. IP44. Splashproof

Housing in plastic (PBT). Cable entry with knock-outs Ø 25 mm up/M25 down. Cable area 2.5...10 mm²

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type                  | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--|-----------|-----------|-----------------------|-----------------|------------|-------------------------|
|                     |  | V         | Hz        |                       |                 |            | kg                      |
| 2P+E                |  |           |           |                       |                 |            |                         |
| 3                   |  Grey   |           | AC        | 232MHS1               | 2CMA167672R1000 | 1          | 0.60                    |
|                     |  Yellow | 100...130 | 50 and 60 | 232MHS4               | 2CMA167668R1000 |            |                         |
|                     |  Blue   | 200...250 |           | 232MHS6               | 2CMA167669R1000 |            |                         |
| 3P+E                |  |           |           |                       |                 |            |                         |
| 4                   |  Grey   |           | AC        | 332MHS1               | 2CMA167682R1000 | 1          | 0.63                    |
|                     |  Black  | 600...690 | 50 and 60 | 332MHS5               | 2CMA167676R1000 |            |                         |
|                     |  Red    | 380...415 |           | 332MHS6               | 2CMA167677R1000 |            |                         |
|                     |  Black  | 480...500 |           | 332MHS7               | 2CMA167678R1000 |            |                         |
|                     |  Blue   | 200...250 |           | 332MHS9               | 2CMA167679R1000 |            |                         |
| 3P+N+E              |  |           |           |                       |                 |            |                         |
| 5                   |  Grey   |           | AC        | 432MHS1               | 2CMA167690R1000 | 1          | 0.66                    |
|                     |  Black  | 600...690 | 50 and 60 | 432MHS5               | 2CMA126685R1000 |            |                         |
|                     |  Red    | 346...415 |           | 432MHS6 <sup>*)</sup> | 2CMA167686R1000 |            |                         |

- The switch insert can be equipped with an auxiliary contact, (see page 102)

- Dimension drawing, (see page 90)



## Switched interlocked socket outlets












Horizontal



463MHS6

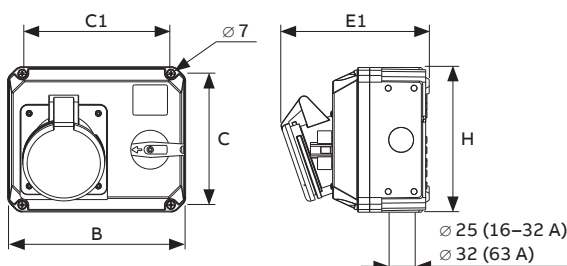
### 63 A. IP44. Splashproof

Housing in plastic (PBT). Cable entry with knock-outs  $\varnothing$  32 mm. Cable area 6...25 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |           |         |                 |            |                     |
| 3                   |  Grey    |           | AC        | 263MHS1 | 2CMA167717R1000 | 1          | 2.00                |
|                     |  Yellow  | 100...130 | 50 and 60 | 263MHS4 | 2CMA167714R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 263MHS6 | 2CMA167715R1000 |            |                     |
| 3P+E                |   |           |           |         |                 |            |                     |
| 4                   |  Grey    |           | AC        | 363MHS1 | 2CMA167725R1000 | 1          | 2.00                |
|                     |  Black   | 600...690 | 50 and 60 | 363MHS5 | 2CMA167719R1000 |            |                     |
|                     |  Red     | 380...415 |           | 363MHS6 | 2CMA167721R1000 |            |                     |
|                     |  Black   | 480...500 |           | 363MHS7 | 2CMA167722R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 363MHS9 | 2CMA167723R1000 |            |                     |
| 3P+N+E              |   |           |           |         |                 |            |                     |
| 5                   |  Grey  |           | AC        | 463MHS1 | 2CMA167731R1000 | 1          | 2.10                |
|                     |  Black | 600...690 | 50 and 60 | 463MHS5 | 2CMA126686R1000 |            |                     |
|                     |  Red   | 346...415 |           | 463MHS6 | 2CMA167727R1000 |            |                     |

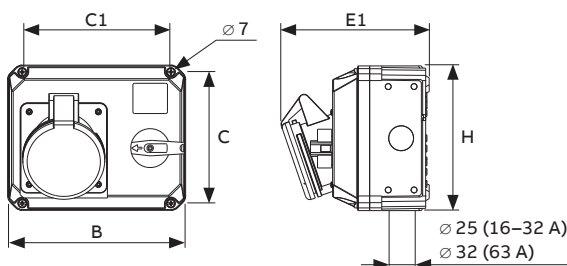
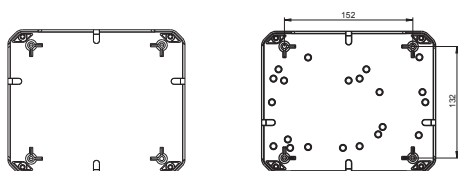
- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



Dimensions (mm)

| Type      | B   | C   | C1  | E1  | H   |
|-----------|-----|-----|-----|-----|-----|
| 263MHS... | 206 | 132 | 152 | 168 | 168 |
| 363MHS... | 206 | 132 | 152 | 168 | 168 |
| 463MHS... | 206 | 132 | 152 | 168 | 168 |



Dimensions (mm)

| Type               | B   | C  | C1  | E1  | H   |
|--------------------|-----|----|-----|-----|-----|
| 216MHS...416MHS... | 168 | 91 | 125 | 116 | 129 |
| 232MHS...432MHS... | 168 | 91 | 125 | 126 | 129 |

## Switched interlocked socket outlets

























Horizontal



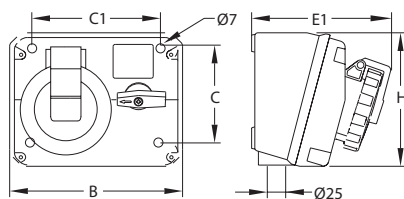
216MHS6W

### 16 A. IP67. Watertight

Housing in plastic (PBT). Cable entry with knock-outs Ø 25 mm up/M25 down. Cable area 1.5...4 mm²

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |           |                 |            |                     |
| 3                   |  Grey     |           | AC         | 216MHS1W  | 2CMA167804R1000 | 1          | 0.55                |
|                     |  Yellow   | 100...130 | 50 and 60  | 216MHS4W  | 2CMA167800R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 216MHS6W  | 2CMA167801R1000 |            |                     |
|                     |  Black    | 480...500 |            | 216MHS7W  | 2CMA101715R1000 |            |                     |
|                     |  Red      | 380...415 |            | 216MHS9W  | 2CMA167802R1000 |            |                     |
|                     |  Grey     | transf.   |            | 216MHS12W | 2CMA167803R1000 |            |                     |
| 3P+E                |  |           |            |           |                 |            |                     |
| 4                   |  Grey     |           | AC         | 316MHS1W  | 2CMA167814R1000 | 1          | 0.58                |
|                     |  Green    | > 50 V~   | >300...500 | 316MHS2W  | 2CMA167805R1000 |            |                     |
|                     |  Red     | 380/440   | 50/60      | 316MHS3W  | 2CMA167806R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 316MHS4W  | 2CMA167807R1000 |            |                     |
|                     |  Black  | 600...690 |            | 316MHS5W  | 2CMA167808R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316MHS6W  | 2CMA167809R1000 |            |                     |
|                     |  Black  | 480...500 |            | 316MHS7W  | 2CMA167810R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 316MHS9W  | 2CMA167811R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 316MHS10W | 2CMA167812R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 316MHS11W | 2CMA167813R1000 |            |                     |
|                     |  |           |            |           |                 |            |                     |
| 3P+N+E              |  |           |            |           |                 |            |                     |
| 5                   |  Grey   |           | AC         | 416MHS1W  | 2CMA167822R1000 | 1          | 0.61                |
|                     |  Green  | > 50 V~   | >300...500 | 416MHS2W  | 2CMA167815R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 416MHS3W  | 2CMA167816R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 416MHS4W  | 2CMA167817R1000 |            |                     |
|                     |  Red    | 346...415 |            | 416MHS6W  | 2CMA167818R1000 |            |                     |
|                     |  Black  | 480...500 |            | 416MHS7W  | 2CMA167819R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 416MHS9W  | 2CMA167820R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 416MHS11W | 2CMA167821R1000 |            |                     |
|                     |  |           |            |           |                 |            |                     |

- The switch insert can be equipped with an auxiliary contact, (see page 102)



### Dimensions (mm)

| Type       | B   | C  | C1  | E1  | H   |
|------------|-----|----|-----|-----|-----|
| 216MHS...W | 168 | 91 | 125 | 116 | 129 |
| 316MHS...W | 168 | 91 | 125 | 116 | 129 |
| 416MHS...W | 168 | 91 | 125 | 116 | 129 |

## Switched interlocked socket outlets
















Horizontal



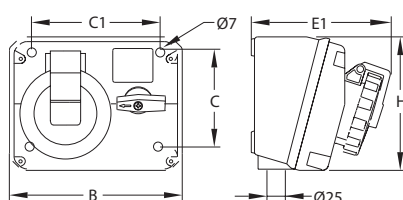
432MHS6W

### 32 A. IP67. Watertight

Housing in plastic (PBT). Cable entry with knock-outs Ø 25 mm up/M25 down. Cable area 2.5...10 mm²

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |           |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232MHS1W  | 2CMA167851R1000 | 1          | 0.60                |
|                     |  Yellow   | 100...130 | 50 and 60  | 232MHS4W  | 2CMA167847R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232MHS6W  | 2CMA167848R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232MHS9W  | 2CMA167849R1000 |            |                     |
|                     |  Grey     | transf.   |            | 232MHS12W | 2CMA167850R1000 |            |                     |
| 3P+E                |  |           |            |           |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332MHS1W  | 2CMA167861R1000 | 1          | 0.63                |
|                     |  Green    | > 50 V~   | >300...500 | 332MHS2W  | 2CMA167852R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332MHS3W  | 2CMA167853R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 332MHS4W  | 2CMA167854R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332MHS5W  | 2CMA167855R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332MHS6W  | 2CMA167856R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332MHS7W  | 2CMA167857R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332MHS9W  | 2CMA167858R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332MHS10W | 2CMA167859R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332MHS11W | 2CMA167860R1000 |            |                     |
| 3P+N+E              |  |           |            |           |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432MHS1W  | 2CMA167869R1000 | 1          | 0.66                |
|                     |  Green  | > 50 V~   | >300...500 | 432MHS2W  | 2CMA167862R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 432MHS3W  | 2CMA167863R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432MHS4W  | 2CMA167864R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432MHS6W  | 2CMA167865R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432MHS7W  | 2CMA167866R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432MHS9W  | 2CMA167867R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432MHS11W | 2CMA167868R1000 |            |                     |

- The switch insert can be equipped with an auxiliary contact, (see page 102)



### Dimensions (mm)

| Type       | B   | C  | C1  | E1  | H   |
|------------|-----|----|-----|-----|-----|
| 232MHS...W | 168 | 91 | 125 | 136 | 129 |
| 332MHS...W | 168 | 91 | 125 | 136 | 129 |
| 432MHS...W | 168 | 91 | 125 | 116 | 129 |

## Switched interlocked socket outlets


















Horizontal



263MHS6W

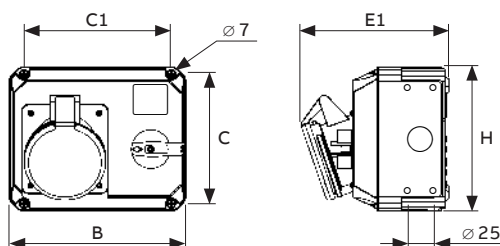
### 63 A. IP67. Watertight

Housing in plastic (PBT). Cable entry with knock-outs knock-outs Ø 33 mm up/ Ø 33 down. Cable area 6...25 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |           |                 |            |                     |
| 3                   |  Grey     |           | AC        | 263MHS1W  | 2CMA167896R1000 | 1          | 2.00                |
|                     |  Yellow   | 100...130 | 50 and 60 | 263MHS4W  | 2CMA167893R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 263MHS6W  | 2CMA167894R1000 |            |                     |
|                     |  Red      | 380...415 |           | 263MHS9W  | 2CMA167895R1000 |            |                     |
| 3P+E                |  |           |           |           |                 |            |                     |
| 4                   |  Grey     |           | AC        | 363MHS1W  | 2CMA167903R1000 | 1          | 2.00                |
|                     |  Yellow   | 100...130 | 50 and 60 | 363MHS4W  | 2CMA167897R1000 |            |                     |
|                     |  Black    | 600...690 |           | 363MHS5W  | 2CMA167898R1000 |            |                     |
|                     |  Red      | 380...415 |           | 363MHS6W  | 2CMA167899R1000 |            |                     |
|                     |  Black    | 480...500 |           | 363MHS7W  | 2CMA167900R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 363MHW9W  | 2CMA167901R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 363MHS11W | 2CMA167901R1000 |            |                     |
| 3P+N+E              |  |           |           |           |                 |            |                     |
| 5                   |  Grey   |           | AC        | 463MHS1W  | 2CMA167909R1000 | 1          | 2.10                |
|                     |  Yellow | 100...130 | 50 and 60 | 463MHS4W  | 2CMA167904R1000 |            |                     |
|                     |  Red    | 346...415 |           | 463MHS6W  | 2CMA167905R1000 |            |                     |
|                     |  Black  | 480...500 |           | 463MHS7W  | 2CMA167906R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 463MHS9W  | 2CMA167907R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 463MHS11W | 2CMA167908R1000 |            |                     |

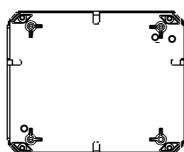
- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



Dimensions (mm)

| Type       | B   | C   | C1  | E1  | H   |
|------------|-----|-----|-----|-----|-----|
| 263MHS...W | 206 | 132 | 152 | 182 | 168 |
| 363MHS...W | 206 | 132 | 152 | 182 | 168 |
| 463MHS...W | 206 | 132 | 152 | 182 | 168 |



## Switched interlocked socket outlets










With protection

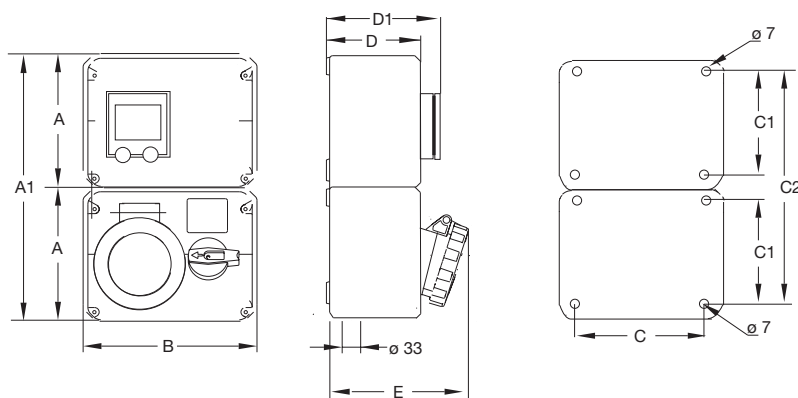


363MPR6W

### 63 A. IP67. Watertight

Housing in plastic (PBT). Cable entry with knock-outs Ø 33 mm up and down. Cable area 6...25 mm². Delivered with RCD.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Yellow | 100...130 | 50 and 60 | 263MPR4W | 2CMA101940R1000 | 1          | 1.90                |
|                     |  Blue   | 200...250 |           | 263MPR6W | 2CMA101941R1000 |            |                     |
|                     |  Red    | 380...415 |           | 263MPR9W | 2CMA101942R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 363MPR4W | 2CMA101937R1000 | 1          | 1.90                |
|                     |  Red    | 346...415 |           | 363MPR6W | 2CMA101938R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 363MPR9W | 2CMA101939R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Yellow | 100...130 | 50 and 60 | 463MPR4W | 2CMA101935R1000 | 1          | 1.90                |
|                     |  Red   | 346...415 |           | 463MPR6W | 2CMA101934R1000 |            |                     |
|                     |  Blue | 208...250 |           | 463MPR9W | 2CMA101936R1000 |            |                     |



### Dimensions (mm)

| Type       | A   | A1  | B   | C   | C1  | C2  | D   | D1  | E   |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 263MPR...W | 168 | 337 | 206 | 152 | 132 | 300 | 108 | 138 | 175 |
| 363MPR...W | 168 | 337 | 206 | 152 | 132 | 300 | 108 | 138 | 175 |
| 463MPR...W | 168 | 337 | 206 | 152 | 132 | 300 | 108 | 138 | 175 |

## Switched interlocked socket outlets



















### Vertical



432MVS6












#### 16 A. IP44. Splashproof

Housing in plastic (PBT). Cable entry with knock-outs Ø 25 mm. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|-----------------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |           |                 |                 |            |                     |
| 3                   |  Grey    |           | AC        | 216MVS1         | 2CMA167649R1000 | 1          | 0.63                |
|                     |  Yellow  | 100...130 | 50 and 60 | 216MVS4         | 2CMA167645R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 216MVS6         | 2CMA167646R1000 |            |                     |
|                     |  Red     | 380...415 |           | 216MVS9         | 2CMA167647R1000 |            |                     |
|                     |  Grey    | transf.   |           | 216MVS12        | 2CMA167648R1000 |            |                     |
| 3P+E                |   |           |           |                 |                 |            |                     |
| 4                   |  Grey    |           | AC        | 316MVS1         | 2CMA167659R1000 | 1          | 0.67                |
|                     |  Yellow  | 100...130 | 50 and 60 | 316MVS4         | 2CMA167652R1000 |            |                     |
|                     |  Black   | 600...690 |           | 316MVS5         | 2CMA167653R1000 |            |                     |
|                     |  Red     | 380...415 |           | 316MVS6         | 2CMA167654R1000 |            |                     |
|                     |  Black | 480...500 | 316MVS7   | 2CMA167655R1000 |                 |            |                     |
|                     |  Blue  | 200...250 | 316MVS9   | 2CMA167656R1000 |                 |            |                     |
|                     |  Green | > 50 V~   | 100...300 | 316MVS10        | 2CMA167657R1000 |            |                     |
|                     |  Red   | 440...460 |           | 60              | 316MVS11        |            |                     |
|                     | 3P+N+E  |           |           |                 |                 |            |                     |
| 5                   |  Grey  |           | AC        | 416MVS1         | 2CMA167667R1000 | 1          | 0.70                |
|                     |  Green | > 50 V~   | 300...500 | 416MVS2         | 2CMA167660R1000 |            |                     |
|                     |  Black | 600...690 | 50 and 60 | 416MVS5         | 2CMA126690R1000 |            |                     |
|                     |  Red   | 346...415 |           | 416MVS6         | 2CMA167663R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 416MVS9         | 2CMA167665R1000 |            |                     |

#### 32 A. IP44. Splashproof

Housing in plastic (PBT). Cable entry with knock-outs Ø 25 mm. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |                 |                 |            |                     |
| 3                   |  Grey   |           | AC        | 232MVS1         | 2CMA167695R1000 | 1          | 0.69                |
|                     |  Yellow | 100...130 | 50 and 60 | 232MVS4         | 2CMA167691R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 232MVS6         | 2CMA167692R1000 |            |                     |
| 3P+E                |  |           |           |                 |                 |            |                     |
| 4                   |  Grey   |           | AC        | 332MVS1         | 2CMA167705R1000 | 1          | 0.72                |
|                     |  Black  | 600...690 | 50 and 60 | 332MVS5         | 2CMA167699R1000 |            |                     |
|                     |  Red    | 380...415 |           | 332MVS6         | 2CMA167700R1000 |            |                     |
|                     |  Black  | 480...500 |           | 332MVS7         | 2CMA167701R1000 |            |                     |
|                     |  Blue   | 200...250 | 332MVS9   | 2CMA167702R1000 |                 |            |                     |
| 3P+N+E              |  |           |           |                 |                 |            |                     |
| 5                   |  Grey   |           | AC        | 432MVS1         | 2CMA167713R1000 | 1          | 0.76                |
|                     |  Black  | 600...690 | 50 and 60 | 432MVS5         | 2CMA126691R1000 |            |                     |
|                     |  Red    | 346...415 |           | 432MVS6         | 2CMA167709R1000 |            |                     |

- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)

## Switched interlocked socket outlets























### Vertical



216MVS6W

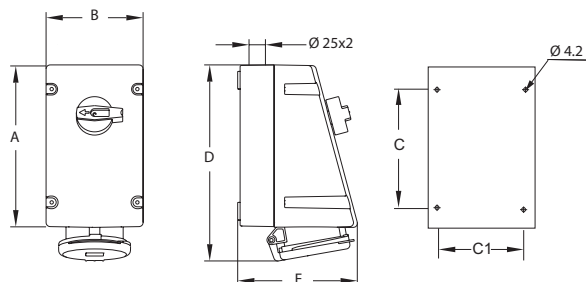
#### 16 A. IP67. Watertight

Housing in plastic (PBT). Cable entry with knock-outs Ø 25 mm. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type      | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|-----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |           |                 |            |                               |
| 3                   |  Grey     |              | AC              | 216MVS1W  | 2CMA167827R1000 | 1          | 0.63                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 216MVS4W  | 2CMA167823R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 216MVS6W  | 2CMA167824R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 216MVS9W  | 2CMA167825R1000 |            |                               |
|                     |  Grey     | transf.      |                 | 216MVS12W | 2CMA167826R1000 |            |                               |
| 3P+E                |  |              |                 |           |                 |            |                               |
| 4                   |  Grey     |              | AC              | 316MVS1W  | 2CMA167838R1000 | 1          | 0.67                          |
|                     |  Green    | > 50 V~      | >300...500      | 316MVS2W  | 2CMA167828R1000 |            |                               |
|                     |  Red      | 380/440      | 50/60           | 316MVS3W  | 2CMA167829R1000 |            |                               |
|                     |  Yellow  | 100...130    | 50 and 60       | 316MVS4W  | 2CMA167830R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 316MVS5W  | 2CMA167831R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 316MVS6W  | 2CMA167832R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 316MVS7W  | 2CMA167833R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 316MVS9W  | 2CMA167834R1000 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 316MVS10W | 2CMA167835R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 316MVS11W | 2CMA167836R1000 |            |                               |
| 3P+N+E              |  |              |                 |           |                 |            |                               |
| 5                   |  Grey   |              | AC              | 416MVS1W  | 2CMA167846R1000 | 1          | 0.70                          |
|                     |  Green  | > 50 V~      | >300...500      | 416MVS2W  | 2CMA167839R1000 |            |                               |
|                     |  Red    | 380/440      | 50/60           | 416MVS3W  | 2CMA167840R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 416MVS4W  | 2CMA167841R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 416MVS6W  | 2CMA167842R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 416MVS7W  | 2CMA167843R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 416MVS9W  | 2CMA167844R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 416MVS11W | 2CMA167845R1000 |            |                               |

- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



Dimensions (mm)

| Type               | A     | B   | C   | C1 | D   | E   |
|--------------------|-------|-----|-----|----|-----|-----|
| 216MVS...416MVS... | 199.5 | 120 | 170 | 90 | 235 | 149 |
| 232MVS...432MVS... | 199.5 | 120 | 170 | 90 | 235 | 149 |
| 216MVS...W         | 199.5 | 120 | 170 | 90 | 253 | 149 |
| 316MVS...W         | 199.5 | 120 | 170 | 90 | 253 | 149 |
| 416MVS...W         | 199.5 | 120 | 170 | 90 | 253 | 149 |

## Switched interlocked socket outlets






















### Vertical



432MVS6W

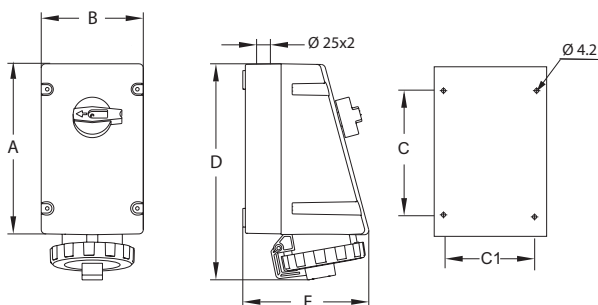
#### 32 A. IP67. Watertight

Housing in plastic (PBT). Cable entry with knock-outs Ø 25 mm. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type      | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|-----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |           |                 |            |                               |
| 3                   |  Grey     |              | AC              | 232MVS1W  | 2CMA167874R1000 | 1          | 0.69                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 232MVS4W  | 2CMA167870R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 232MVS6W  | 2CMA167871R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 232MVS9W  | 2CMA167872R1000 |            |                               |
|                     |  Grey     | transf.      |                 | 232MVS12W | 2CMA167873R1000 |            |                               |
| 3P+E                |  |              |                 |           |                 |            |                               |
| 4                   |  Grey     |              | AC              | 332MVS1W  | 2CMA167884R1000 | 1          | 0.72                          |
|                     |  Green    | > 50 V~      | >300...500      | 332MVS2W  | 2CMA167875R1000 |            |                               |
|                     |  Red      | 380/440      | 50/60           | 332MVS3W  | 2CMA167876R1000 |            |                               |
|                     |  Yellow   | 100...130    | 50 and 60       | 332MVS4W  | 2CMA167877R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 332MVS5W  | 2CMA167878R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 332MVS6W  | 2CMA167879R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 332MVS7W  | 2CMA167880R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 332MVS9W  | 2CMA167881R1000 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 332MVS10W | 2CMA167882R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 332MVS11W | 2CMA167883R1000 |            |                               |
| 3P+N+E              |  |              |                 |           |                 |            |                               |
| 5                   |  Grey   |              | AC              | 432MVS1W  | 2CMA167892R1000 | 1          | 0.76                          |
|                     |  Green  | > 50 V~      | >300...500      | 432MVS2W  | 2CMA167885R1000 |            |                               |
|                     |  Red    | 380/440      | 50/60           | 432MVS3W  | 2CMA167886R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 432MVS4W  | 2CMA167887R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 432MVS6W  | 2CMA167888R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 432MVS7W  | 2CMA167889R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 432MVS9W  | 2CMA167890R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 432MVS11W | 2CMA167891R1000 |            |                               |

- The switch handle is padlockable (5-8 mm shackle)

- The switch insert can be equipped with an auxiliary contact, (see page 102)



#### Dimensions (mm)

| Type       | A     | B   | C   | C1 | D   | E   |
|------------|-------|-----|-----|----|-----|-----|
| 232MVS...W | 199.5 | 120 | 170 | 90 | 253 | 149 |
| 332MVS...W | 199.5 | 120 | 170 | 90 | 253 | 149 |
| 432MVS...W | 199.5 | 120 | 170 | 90 | 253 | 149 |



## Switched interlocked socket outlets





Vertical with protection



216MPR6





### 16 A. IP44. Splashproof

Housing in plastic (PBT). Contains RCD 25 A/0.03 A, type A.  
Cable entry with knock-outs 2 x Ø 25 mm. Cable area 1.5...4 mm<sup>2</sup>

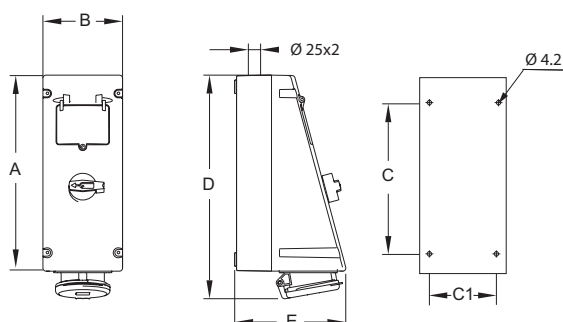
| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight       |
|---------------------|--|-----------|-----------|---------|-----------------|------------|--------------|
|                     |  | V         | Hz        |         |                 |            | (1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |              |
| 3                   |  Blue | 200...250 | 50 and 60 | 216MPR6 | 2CMA167756R1000 | 1          | 1.71         |
| 3P+E                |  |           |           |         |                 |            |              |
| 4                   |  Red  | 380...415 | 50 and 60 | 316MPR6 | 2CMA167764R1000 | 1          | 1.74         |
|                     |  Blue | 200...250 |           | 316MPR9 | 2CMA167766R1000 |            |              |
| 3P+N+E              |  |           |           |         |                 |            |              |
| 5                   |  Red  | 346...415 | 50 and 60 | 416MPR6 | 2CMA167772R1000 | 1          | 1.76         |

### 32 A. IP44. Splashproof

Housing in plastic (PBT). Contains RCD 40 A/0.03 A, type A.  
Cable entry with knock-outs 2 x Ø 25 mm. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Blue | 200...250 | 50 and 60 | 232MPR6 | 2CMA167778R1000 | 1          | 1.77                |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Red  | 380...415 | 50 and 60 | 332MPR6 | 2CMA167786R1000 | 1          | 1.78                |
|                     |  Blue | 200...250 |           | 332MPR9 | 2CMA167788R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Red  | 346...415 | 50 and 60 | 432MPR6 | 2CMA167795R1000 | 1          | 1.80                |

- The switch handle is padlockable (5-8 mm shackle)
- The switch insert can be equipped with an auxiliary contact, (see page 102)



Dimensions (mm)

| Type      | A   | B   | C   | C1  | D   | E   |
|-----------|-----|-----|-----|-----|-----|-----|
| 216MPR... | 320 | 130 | 290 | 100 | 366 | 182 |
| 316MPR... | 320 | 130 | 290 | 100 | 366 | 182 |
| 416MPR... | 320 | 130 | 290 | 100 | 366 | 182 |

## Surface socket outlets





Vertical with protection



216RPM6





### 16 A. IP44. Splashproof

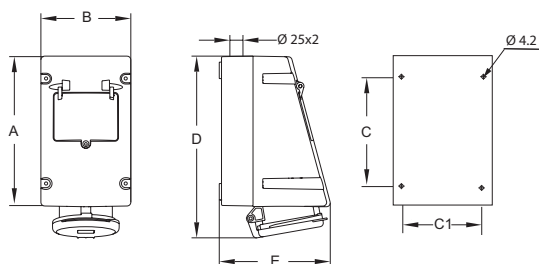
Housing in plastic (PBT). Contains MCB type S200 characteristic C.  
Cable entry with knock-outs 2 x Ø 25 mm. Cable area 1.5...4 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Blue | 200...250 | 50 and 60 | 216RPM6 | 2CMA168133R1000 | 1          | 1.13                |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Red  | 380...415 | 50 and 60 | 316RPM6 | 2CMA168141R1000 | 1          | 1.16                |
|                     |  Blue | 200...250 |           | 316RPM9 | 2CMA168143R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Red  | 346...415 | 50 and 60 | 416RPM6 | 2CMA168150R1000 | 1          | 1.18                |

### 32 A. IP44. Splashproof

Housing in plastic (PBT). Contains MCB type S200 characteristic C.  
Cable entry with knock-outs 2 x Ø 25 mm. Cable area 2.5...10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |         |                 |            |                     |
| 3                   |  Blue | 200...250 | 50 and 60 | 232RPM6 | 2CMA168156R1000 | 1          | 1.19                |
| 3P+E                |  |           |           |         |                 |            |                     |
| 4                   |  Red  | 380...415 | 50 and 60 | 332RPM6 | 2CMA168164R1000 | 1          | 1.20                |
|                     |  Blue | 200...250 |           | 332RPM9 | 2CMA168166R1000 |            |                     |
| 3P+N+E              |  |           |           |         |                 |            |                     |
| 5                   |  Red  | 346...415 | 50 and 60 | 432RPM6 | 2CMA168173R1000 | 1          | 1.22                |



### Dimensions (mm)

| Type               | A     | B   | C   | C1 | D   | E   |
|--------------------|-------|-----|-----|----|-----|-----|
| 216RPM...416RPM... | 199.5 | 120 | 170 | 90 | 243 | 149 |
| 232RPM...432RPM... | 199.5 | 120 | 170 | 90 | 243 | 149 |

## Surface socket outlets





Vertical with protection



216RPR6





### 16 A. IP44. Splashproof

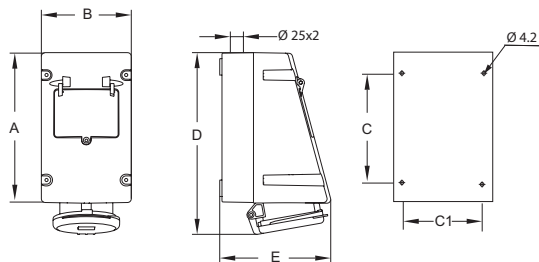
Housing in plastic (PBT). Contains RCD 25 A / 0.03 A, type A  
Cable entry with knock-outs 2 x Ø 25 mm. Cable area 1.5...4 mm².

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce) |
|                     |  |           |           |         |                 |            | kg            |
| 2P+E                |  |           |           |         |                 |            |               |
| 3                   |  Blue | 200...250 | 50 and 60 | 216RPR6 | 2CMA168261R1000 | 1          | 1.13          |
| 3P+E                |  |           |           |         |                 |            |               |
| 4                   |  Red  | 380...415 | 50 and 60 | 316RPR6 | 2CMA168269R1000 | 1          | 1.16          |
|                     |  Blue | 200...250 |           | 316RPR9 | 2CMA168271R1000 |            |               |
| 3P+N+E              |  |           |           |         |                 |            |               |
| 5                   |  Red  | 346...415 | 50 and 60 | 416RPR6 | 2CMA168278R1000 | 1          | 1.18          |

### 32 A. IP44. Splashproof

Housing in plastic (PBT). Contains RCD 40 A / 0.03 A, type A  
Cable entry with knock-outs 2 x Ø 25 mm. Cable area 2.5...10 mm².

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--|-----------|-----------|---------|-----------------|------------|---------------|
|                     |  | V         | Hz        |         |                 |            | pkg<br>(1pce) |
|                     |  |           |           |         |                 |            | kg            |
| 2P+E                |  |           |           |         |                 |            |               |
| 3                   |  Blue | 200...250 | 50 and 60 | 232RPR6 | 2CMA168283R1000 | 1          | 1.19          |
| 3P+E                |  |           |           |         |                 |            |               |
| 4                   |  Red  | 380...415 | 50 and 60 | 332RPR6 | 2CMA168291R1000 | 1          | 1.20          |
|                     |  Blue | 200...250 |           | 332RPR9 | 2CMA168293R1000 |            |               |
| 3P+N+E              |  |           |           |         |                 |            |               |
| 5                   |  Red  | 346...415 | 50 and 60 | 432RPR6 | 2CMA168300R1000 | 1          | 1.22          |



### Dimensions (mm)

| Type               | A     | B   | C   | C1 | D   | E   |
|--------------------|-------|-----|-----|----|-----|-----|
| 216RPR...416RPR... | 199.5 | 120 | 170 | 90 | 243 | 149 |
| 232RPR...432RPR... | 199.5 | 120 | 170 | 90 | 243 | 149 |

Accessories

Auxillary contact



OA1G10  
OA1G01

**Auxillary contacts for all switched socket outlet 16...125 A.**  
Technical data according to IEC 60947-5-1. Ith 16 A.  
Insulation voltage 690 V. Operational voltage (V) 230/400/690. Operational current (A) 6/4/2.

| Description                               | Order Code      | Pkg<br>qty |
|---|-----------------|------------|
| Auillary contact OA1G10 (normally open)   | 2CMA144690R1000 | 1          |
| Auillary contact OA1G01 (normally closed) | 2CMA144691R1000 |            |







# Industrial plugs and sockets

## Tough & Safe

### Plugs



Type P...  
63 A, IP44



Type P...W  
16A...125 A, IP67

### Connectors



Type C...  
63 A, IP44



Type C...W  
16 A...125 A, IP67

### Inlets



For wall mounting, Type BS...  
63 A, IP44



For wall mounting, Type BS...W  
16 A...125 A, IP67

### Socket outlet



For wall mounting, Type RS...  
63 A, IP44



For wall mounting, Type RS...W  
16 A...125 A, IP67



For panel mounting with  
straight flange, Type ...BU...  
63 A, IP44



For panel mounting with  
straight flange, Type BU...W  
63 A...125 A, IP67



For panel mounting with unified  
straight flange, Type RU...  
63 A, IP44



For panel mounting with unified  
angled flange, Type RAU...  
63 A, IP44



For panel mounting  
with angled flange,  
Type BAU ...W  
16-32A, IP67



For panel mounting with unified  
angled flange, Type RAU ...W  
16 A...32 A, IP67



For panel mounting with unified  
straight flange, Type RU...W  
63 A...125 A, IP67

# Product overview

## Tough & Safe

Tough & Safe is the range for applications in environments that have high demand of functionality and safety. The robust housing is made of PBT plastic. The range Tough & Safe is available as watertight (IP67, 16-125 A) and splashproof (IP44, 63 A).

The devices are equipped with internal and external cable clamps. The 63A and the 125 A devices are equipped with two screws on each terminal.

### Features

- IP67 Watertight or IP44 Splashproof
- 16-125 A, 50-690 VAC
- IEC 60 309-1, -2
- All external screws are made of stainless steel

### Application examples

- Industry/workshops
- Harbours/shipyards
- Mines
- Food & beverage

Clear marking, at the front and the rear of the terminals  
Ground  $\perp$   
Neutral N  
Phase L1, L2, L3

External screws made of stainless steel

Internal and external cable clamp

Clean brass pins

Type: 463P6W

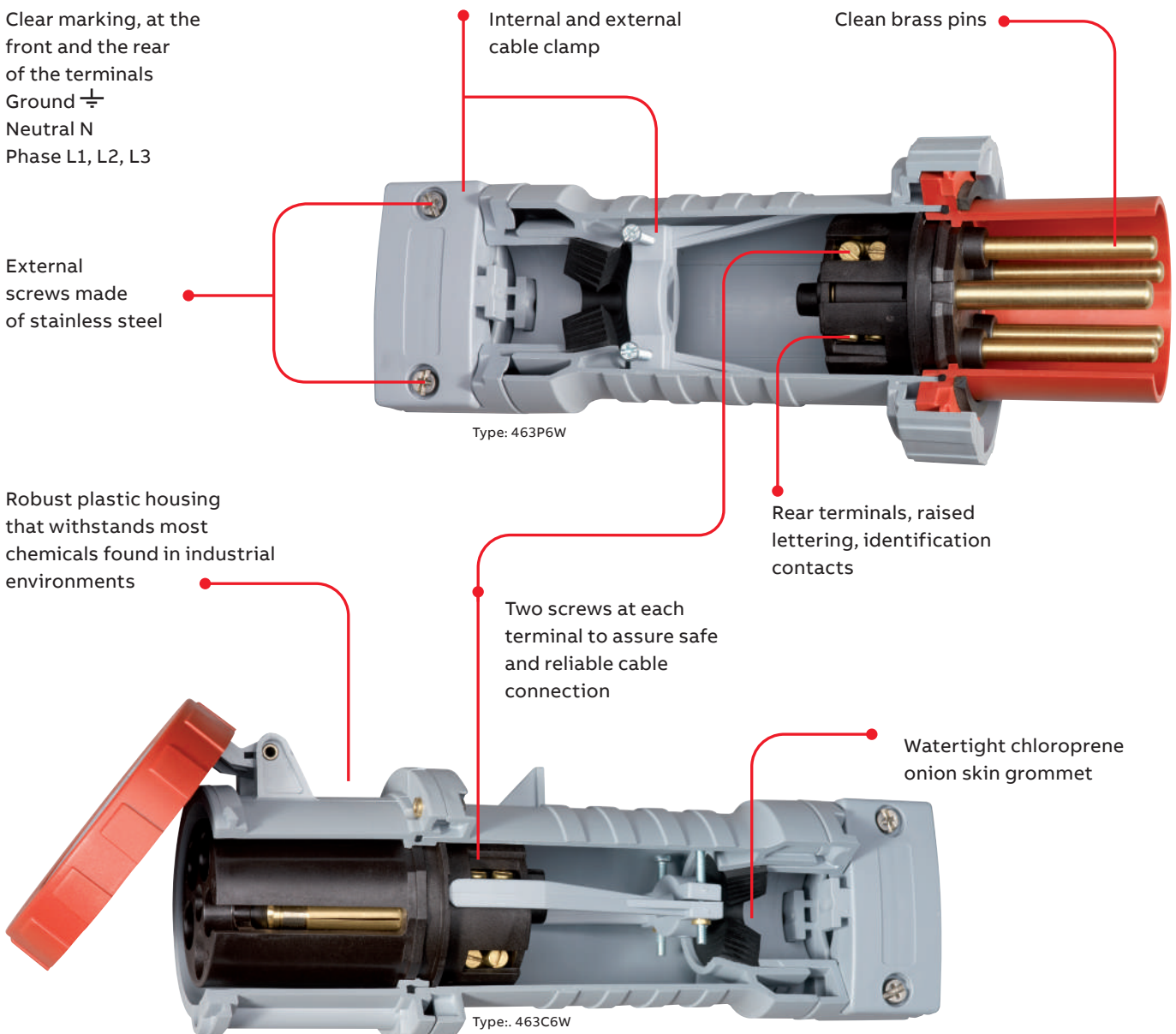
Robust plastic housing that withstands most chemicals found in industrial environments

Rear terminals, raised lettering, identification contacts

Two screws at each terminal to assure safe and reliable cable connection

Watertight chloroprene onion skin grommet

Type: 463C6W














## Plugs

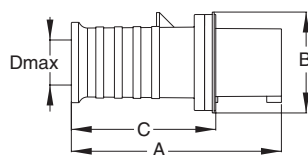


463P6

### 63 A, IP44 Splashproof

Plastic enclosure (PBT). Cable entry with membrane. Cable area 4-16 mm<sup>2</sup>. With pilot contact.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type            | Order Code      | Pkg<br>qty | Weight       |
|---------------------|--|-----------|-----------|-----------------|-----------------|------------|--------------|
|                     |  | V         | Hz        |                 |                 |            | (1pce)<br>kg |
| 2P+E                |  |           |           |                 |                 |            |              |
| 3                   |  Grey   |           | AC        | 263P1           | 2CMA166746R1000 | 1          | 0.60         |
|                     |  Yellow | 100...130 | 50 and 60 | 263P4           | 2CMA166740R1000 |            |              |
|                     |  Blue   | 200...250 |           | 263P6           | 2CMA166742R1000 |            |              |
|                     |  Blue   | 200...250 |           | 263P9           | 2CMA166744R1000 |            |              |
| 3P+E                |  |           |           |                 |                 |            |              |
| 4                   |  Grey   |           | AC        | 363P1           | 2CMA166760R1000 | 1          | 0.70         |
|                     |  Black  | 600...690 | 50 and 60 | 363P5           | 2CMA166750R1000 |            |              |
|                     |  Red    | 380...415 |           | 363P6           | 2CMA166752R1000 |            |              |
|                     |  Black  | 480...500 |           | 363P7           | 2CMA166754R1000 |            |              |
|                     |  Blue   | 200...250 | 363P9     | 2CMA166756R1000 |                 |            |              |
|                     |  Red  | 440...460 | 60        | 363P11          | 2CMA166758R1000 |            |              |
| 3P+N+E              |  |           |           |                 |                 |            |              |
| 5                   |  Red  | 346...415 | 50 and 60 | 463P6           | 2CMA166764R1000 | 1          | 0.75         |



Dimensions (mm)

| Type       | A   | B   | C   | Dmax |
|------------|-----|-----|-----|------|
| 263-463P.. | 215 | 103 | 148 | 35   |



























## Plugs

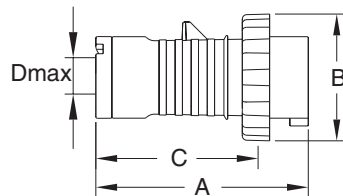


216P6W

### 16 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry with compression gland. Cable area 1-2.5 mm<sup>2</sup>.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |         |                 |            |                     |
| 3                   |  Grey     |           | AC         | 216P1W  | 2CMA166466R1000 | 1          | 0.18                |
|                     |  Grey     | >50...250 | DC         | 216P3W  | 2CMA166456R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 216P4W  | 2CMA166458R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 216P6W  | 2CMA166460R1000 |            |                     |
|                     |  Red      | 380...415 |            | 216P9W  | 2CMA166462R1000 |            |                     |
|                     |  Grey     | transf    |            | 216P12W | 2CMA166464R1000 |            |                     |
| 3P+E                |  |           |            |         |                 |            |                     |
| 4                   |  Grey     |           | AC         | 316P1W  | 2CMA166486R1000 | 1          | 0.24                |
|                     |  Green    | > 50 V~   | >300...500 | 316P2W  | 2CMA166468R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 316P3W  | 2CMA166470R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 316P4W  | 2CMA166472R1000 |            |                     |
|                     |  Black  | 600...690 |            | 316P5W  | 2CMA166474R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316P6W  | 2CMA166476R1000 |            |                     |
|                     |  Black  | 480...500 |            | 316P7W  | 2CMA166478R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 316P9W  | 2CMA166480R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 316P10W | 2CMA166482R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 316P11W | 2CMA166484R1000 |            |                     |
| 3P+N+E              |  |           |            |         |                 |            |                     |
| 5                   |  Grey   |           | AC         | 416P1W  | 2CMA166502R1000 | 1          | 0.26                |
|                     |  Green  | > 50 V~   | >300...500 | 416P2W  | 2CMA166488R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 416P4W  | 2CMA166492R1000 |            |                     |
|                     |  Black  | 600...690 |            | 416P5W  | 2CMA126773R1000 |            |                     |
|                     |  Red    | 346...415 |            | 416P6W  | 2CMA166494R1000 |            |                     |
|                     |  Black  | 480...500 |            | 416P7W  | 2CMA166496R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 416P9W  | 2CMA166498R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 416P11W | 2CMA166500R1000 |            |                     |



Dimensions (mm)

| Type    | A   | B  | C   | Dmax |
|---------|-----|----|-----|------|
| 216P..W | 128 | 71 | 94  | 13   |
| 316P..W | 144 | 79 | 111 | 17   |
| 416P..W | 146 | 87 | 112 | 17   |


























## Plugs

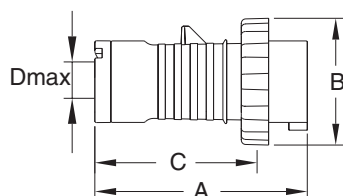


432P6W

### 32 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry with compression gland. Cable area 2.5-6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type            | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|-----------------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |                 |                 |            |                               |
| 3                   |  Grey     |              | AC              | 232P1W          | 2CMA166728R1000 | 1          | 0.28                          |
|                     |  Grey     | > 50...250   | DC              | 232P3W          | 2CMA105986R1000 |            |                               |
|                     |  Yellow   | 100...130    | 50 and 60       | 232P4W          | 2CMA166504R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 232P6W          | 2CMA166722R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 232P9W          | 2CMA166724R1000 |            |                               |
|                     |  Grey     | transf       |                 | 232P12W         | 2CMA166726R1000 |            |                               |
| 3P+E                |  |              |                 |                 |                 |            |                               |
| 4                   |  Grey     |              | AC              | 332P1W          | 2CMA166516R1000 | 1          | 0.30                          |
|                     |  Green    | > 50 V~      | >300...500      | 332P2W          | 2CMA166730R1000 |            |                               |
|                     |  Red     | 380/440      | 50/60           | 332P3W          | 2CMA166732R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 332P4W          | 2CMA166734R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 332P5W          | 2CMA166736R1000 |            |                               |
|                     |  Red    | 380...415    |                 | 332P6W          | 2CMA166738R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 332P7W          | 2CMA166506R1000 |            |                               |
|                     |  Blue   | 200...250    | 332P9W          | 2CMA166508R1000 |                 |            |                               |
|                     |  Green  | > 50 V~      | 100...300       | 332P10W         | 2CMA166510R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 332P11W         | 2CMA166513R1000 |            |                               |
| 3P+N+E              |  |              |                 |                 |                 |            |                               |
| 5                   |  Grey   |              | AC              | 432P1W          | 2CMA166532R1000 | 1          | 0.32                          |
|                     |  Green  | > 50 V~      | >300...500      | 432P2W          | 2CMA166518R1000 |            |                               |
|                     |  Red    | 380/440      | 50/60           | 432P3W          | 2CMA166520R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 432P4W          | 2CMA166522R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 432P5W          | 2CMA126656R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 432P6W          | 2CMA166524R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 432P7W          | 2CMA166526R1000 |            |                               |
|                     |  Blue   | 208...250    | 432P9W          | 2CMA166528R1000 |                 |            |                               |
|                     |  Red    | 440...460    | 60              | 432P11W         | 2CMA166530R1000 |            |                               |



Dimensions (mm)

| Type    | A   | B   | C   | Dmax |
|---------|-----|-----|-----|------|
| 232P..W | 147 | 94  | 105 | 21.5 |
| 332P..W | 147 | 94  | 105 | 21.5 |
| 432P..W | 161 | 101 | 119 | 21.5 |



















## Plugs

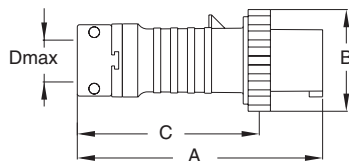


263P6W

### 63 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry with compression gland, internal and external cable clamp. Cable area 4-16 mm<sup>2</sup>. With pilot contact.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|---------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |         |                 |            |                     |
| 3                   |  Grey     |           | AC         | 263P1W  | 2CMA166780R1000 | 1          | 0.95                |
|                     |  Yellow   | 100...130 | 50 and 60  | 263P4W  | 2CMA166774R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 263P6W  | 2CMA166776R1000 |            |                     |
|                     |  Red      | 380...415 |            | 263P9W  | 2CMA166778R1000 |            |                     |
| 3P+E                |  |           |            |         |                 |            |                     |
| 4                   |  Grey     |           | AC         | 363P1W  | 2CMA166794R1000 | 1          | 1.05                |
|                     |  Yellow   | 100...130 | 50 and 60  | 363P4W  | 2CMA166782R1000 |            |                     |
|                     |  Black    | 600...690 |            | 363P5W  | 2CMA166784R1000 |            |                     |
|                     |  Red      | 380...415 |            | 363P6W  | 2CMA166786R1000 |            |                     |
|                     |  Black   | 480...500 |            | 363P7W  | 2CMA166788R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 363P9W  | 2CMA166790R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 363P11W | 2CMA166792R1000 |            |                     |
|                     | 3P+N+E   |           |            |         |                 |            |                     |
| 5                   |  Grey   |           | AC         | 463P1W  | 2CMA166806R1000 | 1          | 1.15                |
|                     |  Green  | > 50 V~   | >300...500 | 463P2W  | 2CMA168186R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 463P4W  | 2CMA166796R1000 |            |                     |
|                     |  Red    | 346...415 |            | 463P6W  | 2CMA166798R1000 |            |                     |
|                     |  Black  | 480...500 |            | 463P7W  | 2CMA166800R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 463P9W  | 2CMA166802R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 463P11W | 2CMA166804R1000 |            |                     |
|                     |  |           |            |         |                 |            |                     |



### Dimensions (mm)

| Type        | A   | B   | C   | Dmax |
|-------------|-----|-----|-----|------|
| 263-463P..W | 275 | 114 | 213 | 41   |


















## Plugs

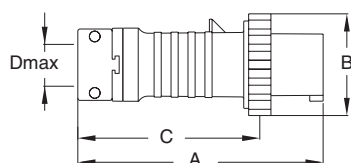


4125P6W

### 125 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry with compression gland, internal and external cable clamp. Cable area 16-50 mm<sup>2</sup>. With pilot contact.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Grey     |           | AC        | 2125P1W  | 2CMA166812R1000 | 1          | 1.32                |
|                     |  Yellow   | 100...130 | 50 and 60 | 2125P4W  | 2CMA166808R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 2125P6W  | 2CMA166810R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Grey     |           | AC        | 3125P1W  | 2CMA166824R1000 | 1          | 1.43                |
|                     |  Yellow   | 100...130 | 50 and 60 | 3125P4W  | 2CMA166814R1000 |            |                     |
|                     |  Black    | 600...690 |           | 3125P5W  | 2CMA166815R1000 |            |                     |
|                     |  Red      | 380...415 |           | 3125P6W  | 2CMA166816R1000 |            |                     |
|                     |  Black    | 480...500 |           | 3125P7W  | 2CMA166818R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 3125P9W  | 2CMA166820R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 3125P11W | 2CMA166822R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Grey   |           | AC        | 4125P1W  | 2CMA166836R1000 | 1          | 1.54                |
|                     |  Yellow | 100...130 | 50 and 60 | 4125P4W  | 2CMA166826R1000 |            |                     |
|                     |  Black  | 600...690 |           | 4125P5W  | 2CMA126658R1000 |            |                     |
|                     |  Red    | 346...415 |           | 4125P6W  | 2CMA166828R1000 |            |                     |
|                     |  Black  | 480...500 |           | 4125P7W  | 2CMA166830R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 4125P9W  | 2CMA166832R1000 |            |                     |
|                     |  Black  | 440...460 | 60        | 4125P11W | 2CMA166834R1000 |            |                     |



Dimensions (mm)

| Type          | A   | B   | C   | Dmax |
|---------------|-----|-----|-----|------|
| 2125-4125P..W | 313 | 130 | 242 | 48   |

















## Connectors

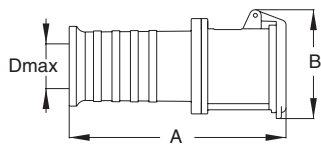


463C6

### 63 A, IP44 Splashproof

Plastic enclosure (PBT). Cable entry with membrane. Cable area 4-16 mm<sup>2</sup>. With pilot contact.

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|--------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |        |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |           |        |                 |            |                     |
| 3                   |  Grey    |           | AC        | 263C1  | 2CMA166844R1000 | 1          | 0.80                |
|                     |  Yellow  | 100...130 | 50 and 60 | 263C4  | 2CMA166838R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 263C6  | 2CMA166840R1000 |            |                     |
|                     |  Red     | 380...415 |           | 263C9  | 2CMA166842R1000 |            |                     |
| 3P+E                |   |           |           |        |                 |            |                     |
| 4                   |  Grey    |           | AC        | 363C1  | 2CMA166858R1000 | 1          | 0.83                |
|                     |  Yellow  | 100...130 | 50 and 60 | 363C4  | 2CMA166846R1000 |            |                     |
|                     |  Black   | 600...690 |           | 363C5  | 2CMA166848R1000 |            |                     |
|                     |  Red     | 380...415 |           | 363C6  | 2CMA166850R1000 |            |                     |
|                     |  Black   | 480...500 |           | 363C7  | 2CMA166852R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 363C9  | 2CMA166854R1000 |            |                     |
|                     |  Red   | 440...460 | 60        | 363C11 | 2CMA166856R1000 |            |                     |
| 3P+N+E              |   |           |           |        |                 |            |                     |
| 5                   |  Grey  |           | AC        | 463C1  | 2CMA166870R1000 | 1          | 0.88                |
|                     |  Black | 600...690 | 50 and 60 | 463C5  | 2CMA126661R1000 |            |                     |
|                     |  Red   | 346...415 |           | 463C6  | 2CMA166862R1000 |            |                     |
|                     |  Black | 480...500 |           | 463C7  | 2CMA166864R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 463C9  | 2CMA166866R1000 |            |                     |



### Dimensions (mm)

| Type       | A   | B   | Dmax |
|------------|-----|-----|------|
| 263-463C.. | 224 | 112 | 35   |


























## Connectors

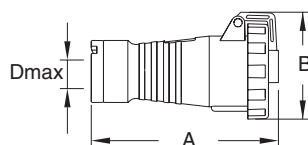


216C6W

### 16 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry with compression gland. Cable area 1-2.5 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |                 |                 |            |                     |
| 3                   |  Grey     |           | AC         | 216C1W          | 2CMA166544R1000 | 1          | 0.22                |
|                     |  Grey     | >50...250 | DC         | 216C3W          | 2CMA166534R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 216C4W          | 2CMA166536R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 216C6W          | 2CMA166538R1000 |            |                     |
|                     |  Red      | 380...415 |            | 216C9W          | 2CMA166540R1000 |            |                     |
|                     |  Grey     | transf    |            | 216C12W         | 2CMA166542R1000 |            |                     |
| 3P+E                |  |           |            |                 |                 |            |                     |
| 4                   |  Grey     |           | AC         | 316C1W          | 2CMA166564R1000 | 1          | 0.31                |
|                     |  Green    | > 50 V~   | >300...500 | 316C2W          | 2CMA166546R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 316C3W          | 2CMA166548R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 316C4W          | 2CMA166550R1000 |            |                     |
|                     |  Black  | 600...690 |            | 316C5W          | 2CMA166552R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316C6W          | 2CMA166554R1000 |            |                     |
|                     |  Black  | 480...500 |            | 316C7W          | 2CMA166556R1000 |            |                     |
|                     |  Blue   | 200...250 | 316C9W     | 2CMA166558R1000 |                 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 316C10W         | 2CMA166560R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 316C11W         | 2CMA166562R1000 |            |                     |
| 3P+N+E              |  |           |            |                 |                 |            |                     |
| 5                   |  Grey   |           | AC         | 416C1W          | 2CMA166580R1000 | 1          | 0.32                |
|                     |  Green  | > 50 V~   | >300...500 | 416C2W          | 2CMA166566R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 416C3W          | 2CMA166568R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 416C4W          | 2CMA166570R1000 |            |                     |
|                     |  Black  | 600...690 |            | 416C5W          | 2CMA126662R1000 |            |                     |
|                     |  Red    | 346...415 |            | 416C6W          | 2CMA166572R1000 |            |                     |
|                     |  Black  | 480...500 |            | 416C7W          | 2CMA166574R1000 |            |                     |
|                     |  Blue   | 208...250 | 416C9W     | 2CMA166576R1000 |                 |            |                     |
|                     |  Red    | 440...460 | 60         | 416C11W         | 2CMA166578R1000 |            |                     |



Dimensions (mm)

| Type    | A   | B  | Dmax |
|---------|-----|----|------|
| 216C..W | 151 | 80 | 13   |
| 316C..W | 168 | 88 | 17   |
| 416C..W | 170 | 97 | 17   |

























## Connectors

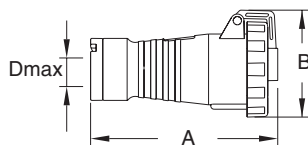


432C6W

### 32 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry with compression gland. Cable area 2.5-6 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |                 |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232C1W          | 2CMA166590R1000 | 1          | 0.35                |
|                     |  Yellow   | 100...130 | 50 and 60  | 232C4W          | 2CMA166582R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232C6W          | 2CMA166584R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232C9W          | 2CMA166586R1000 |            |                     |
|                     |  Grey     | transf    |            | 232C12W         | 2CMA166588R1000 |            |                     |
| 3P+E                |  |           |            |                 |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332C1W          | 2CMA166592R1000 | 1          | 0.38                |
|                     |  Green    | > 50 V~   | >300...500 | 332C2W          | 2CMA166596R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332C3W          | 2CMA166598R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 332C4W          | 2CMA166600R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332C5W          | 2CMA166602R1000 |            |                     |
|                     |  Red    | 380...415 | 332C6W     | 2CMA166604R1000 |                 |            |                     |
|                     |  Black  | 480...500 | 332C7W     | 2CMA166606R1000 |                 |            |                     |
|                     |  Blue   | 200...250 | 332C9W     | 2CMA166608R1000 |                 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332C10W         | 2CMA166610R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332C11W         | 2CMA166594R1000 |            |                     |
| 3P+N+E              |  |           |            |                 |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432C1W          | 2CMA166526R1000 | 1          | 0.41                |
|                     |  Green  | > 50 V~   | >300...500 | 432C2W          | 2CMA166612R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 432C3W          | 2CMA166614R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432C4W          | 2CMA166616R1000 |            |                     |
|                     |  Black  | 600...690 |            | 432C5W          | 2CMA126663R1000 |            |                     |
|                     |  Red    | 346...415 | 432C6W     | 2CMA166618R1000 |                 |            |                     |
|                     |  Black  | 480...500 | 432C7W     | 2CMA166620R1000 |                 |            |                     |
|                     |  Blue   | 208...250 | 432C9W     | 2CMA166622R1000 |                 |            |                     |
|                     |  Red    | 440...460 | 60         | 432C11W         | 2CMA166624R1000 |            |                     |



### Dimensions (mm)

| Type    | A   | B   | Dmax |
|---------|-----|-----|------|
| 232C..W | 177 | 102 | 21.5 |
| 332C..W | 177 | 102 | 21.5 |
| 432C..W | 182 | 109 | 21.5 |



















## Connectors

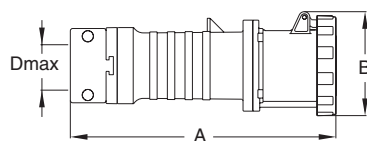


263C6W

### 63 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry with compression gland. Internal and external cable clamp. Cable area 4-16 mm<sup>2</sup>. With pilot contact.

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type    | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|---------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |         |                 |            |                               |
| 3                   |  Grey     |              | AC              | 263C1W  | 2CMA166878R1000 | 1          | 0.80                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 263C4W  | 2CMA166872R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 263C6W  | 2CMA166874R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 263C9W  | 2CMA166876R1000 |            |                               |
| 3P+E                |  |              |                 |         |                 |            |                               |
| 4                   |  Grey     |              | AC              | 363C1W  | 2CMA166902R1000 | 1          | 0.83                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 363C4W  | 2CMA166890R1000 |            |                               |
|                     |  Black    | 600...690    |                 | 363C5W  | 2CMA166892R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 363C6W  | 2CMA166894R1000 |            |                               |
|                     |  Black   | 480...500    |                 | 363C7W  | 2CMA166896R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 363C9W  | 2CMA166898R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 363C11W | 2CMA166900R1000 |            |                               |
| 3P+N+E              |  |              |                 |         |                 |            |                               |
| 5                   |  Grey   |              | AC              | 463C1W  | 2CMA166914R1000 | 1          | 0.88                          |
|                     |  Green  | > 50 V~      | >300...500      | 463C2W  | 2CMA168184R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 463C4W  | 2CMA166904R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 463C6W  | 2CMA166906R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 463C7W  | 2CMA166908R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 463C9W  | 2CMA166910R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 463C11W | 2CMA166912R1000 |            |                               |



Dimensions (mm)

| Type        | A   | B   | Dmax |
|-------------|-----|-----|------|
| 263-463C..W | 286 | 111 | 41   |





















## Connectors



4125C6W

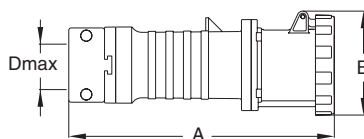
### 125 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry with compression gland. Internal and external cable clamp.  
LP types with long phase sleeves and pilot contact. Cable area 16-50 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type        | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-------------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |             |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |             |                 |            |                     |
| 3                   |  Grey     |           | AC        | 2125C1W     | 2CMA166920R1000 | 1          | 1.37                |
|                     |  Yellow   | 100...130 | 50 and 60 | 2125C4W     | 2CMA166916R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 2125C6W     | 2CMA166918R1000 |            |                     |
| 3P+E                |  |           |           |             |                 |            |                     |
| 4                   |  Grey     |           | AC        | 3125C1W     | 2CMA166932R1000 | 1          | 1.41                |
|                     |  Yellow   | 100...130 | 50 and 60 | 3125C4W     | 2CMA166922R1000 |            |                     |
|                     |  Black    | 600...690 |           | 3125C5W     | 2CMA166923R1000 |            |                     |
|                     |  Red      | 380...415 |           | 3125C6W     | 2CMA166924R1000 |            |                     |
|                     |  Red      | 380...415 |           | 3125C6W LP* | 2CMA169211R1000 |            |                     |
|                     |  Black    | 480...500 |           | 3125C7W     | 2CMA166926R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 3125C9W     | 2CMA166928R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 3125C11W    | 2CMA166930R1000 |            |                     |
| 3P+N+E              |  |           |           |             |                 |            |                     |
| 5                   |  Grey   |           | AC        | 4125C1W     | 2CMA166944R1000 | 1          | 1.53                |
|                     |  Yellow | 100...130 | 50 and 60 | 4125C4W     | 2CMA166934R1000 |            |                     |
|                     |  Red    | 346...415 |           | 4125C6W     | 2CMA166936R1000 |            |                     |
|                     |  Red    | 346...415 |           | 4125C6W LP* | 2CMA169212R1000 |            |                     |
|                     |  Black  | 480...500 |           | 4125C7W     | 2CMA166938R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 4125C9W     | 2CMA166940R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 4125C11W    | 2CMA166942R1000 |            |                     |

\* LP: These products are equipped with pilot contacts. In all products with pilot contacts according to IEC 60 309-1 and -2, the pilot pin and sleeve are shorter than the other connecting pins and sleeves.

This means that the "pilot circuit" breaks before and connects after the main circuit giving optimum safety. The maximum connection area is 4 mm<sup>2</sup>



### Dimensions (mm)

| Type          | A   | B   | Dmax |
|---------------|-----|-----|------|
| 2125-4125C..W | 325 | 122 | 48   |

## Surface socket outlets

















Plastic enclosed

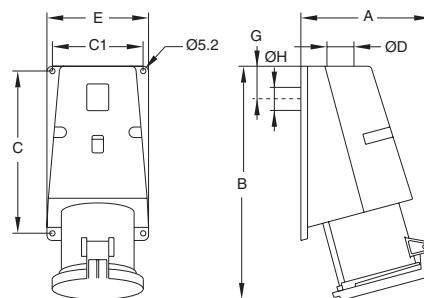


463RS6

### 63 A, IP44 Splashproof

Plastic enclosure (PBT). Cable entry M32, alternative rear knock-out. Cable area 6-25 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |           |         |                 |            |                     |
| 3                   |  Grey    |           | AC        | 263RS1  | 2CMA167480R1000 | 1          | 0.95                |
|                     |  Yellow  | 100...130 | 50 and 60 | 263RS4  | 2CMA167474R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 263RS6  | 2CMA167476R1000 |            |                     |
|                     |  Red     | 380...415 |           | 263RS9  | 2CMA167478R1000 |            |                     |
| 3P+E                |   |           |           |         |                 |            |                     |
| 4                   |  Grey    |           | AC        | 363RS1  | 2CMA167506R1000 | 1          | 0.99                |
|                     |  Yellow  | 100...130 | 50 and 60 | 363RS4  | 2CMA167494R1000 |            |                     |
|                     |  Black   | 600...690 |           | 363RS5  | 2CMA167496R1000 |            |                     |
|                     |  Red     | 380...415 |           | 363RS6  | 2CMA167498R1000 |            |                     |
|                     |  Black   | 480...500 |           | 363RS7  | 2CMA167500R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 363RS9  | 2CMA167502R1000 |            |                     |
|                     |  Red   | 440...460 |           | 363RS11 | 2CMA167504R1000 |            |                     |
| 3P+N+E              |   |           |           |         |                 |            |                     |
| 5                   |  Grey  |           | AC        | 463RS1  | 2CMA167492R1000 | 1          | 1.05                |
|                     |  Black | 600...690 | 50 and 60 | 463RS5  | 2CMA126668R1000 |            |                     |
|                     |  Red   | 346...415 |           | 463RS6  | 2CMA167484R1000 |            |                     |
|                     |  Black | 480...500 |           | 463RS7  | 2CMA167486R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 463RS9  | 2CMA167488R1000 |            |                     |



### Dimensions (mm)

| Type        | A   | B   | C   | C1 | ØD  | E   | G  | H  |
|-------------|-----|-----|-----|----|-----|-----|----|----|
| 263-463RS.. | 136 | 254 | 170 | 95 | M32 | 107 | 68 | 35 |

## Surface socket outlets

























Plastic enclosed

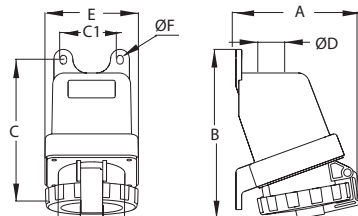


216RS6W

### 16 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry Ø 25 mm. Cable area 1.5-4 mm²

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |                 |                 |            |                     |
| 3                   |  Yellow   | 100...130 | 50 and 60  | 216RS4W         | 2CMA167148R1000 | 1          | 0.34                |
|                     |  Blue     | 200...250 |            | 216RS6W         | 2CMA167149R1000 |            |                     |
|                     |  Red      | 380...415 |            | 216RS9W         | 2CMA167150R1000 |            |                     |
|                     |  Grey     | transf    |            | 216RS12W        | 2CMA167151R1000 |            |                     |
|                     |  Grey     |           | AC         | 216RS1W         | 2CMA167152R1000 |            |                     |
| 3P+E                |  |           |            |                 |                 |            |                     |
| 4                   |  Green    | > 50 V~   | >300...500 | 316RS2W         | 2CMA167153R1000 | 1          | 0.37                |
|                     |  Red      | 380/440   | 50/60      | 316RS3W         | 2CMA167154R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 316RS4W         | 2CMA167155R1000 |            |                     |
|                     |  Black   | 600...690 |            | 316RS5W         | 2CMA167156R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316RS6W         | 2CMA167157R1000 |            |                     |
|                     |  Black  | 480...500 |            | 316RS7W         | 2CMA167158R1000 |            |                     |
|                     |  Blue   | 200...250 | 316RS9W    | 2CMA167159R1000 |                 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 316RS10W        | 2CMA167160R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 316RS11W        | 2CMA167161R1000 |            |                     |
|                     |  Grey   |           | AC         | 316RS1W         | 2CMA167162R1000 |            |                     |
| 3P+N+E              |  |           |            |                 |                 |            |                     |
| 5                   |  Green  | > 50 V~   | >300...500 | 416RS2W         | 2CMA167163R1000 | 1          | 0.40                |
|                     |  Red    | 380/440   | 50/60      | 416RS3W         | 2CMA167164R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 416RS4W         | 2CMA167165R1000 |            |                     |
|                     |  Black  | 600...690 |            | 416RS5W         | 2CMA126669R1000 |            |                     |
|                     |  Red    | 346...415 |            | 416RS6W         | 2CMA167166R1000 |            |                     |
|                     |  Black  | 480...500 |            | 416RS7W         | 2CMA167167R1000 |            |                     |
|                     |  Blue   | 208...250 | 416RS9W    | 2CMA167168R1000 |                 |            |                     |
|                     |  Red    | 440...460 | 60         | 416RS11W        | 2CMA167169R1000 |            |                     |
|                     |  Grey   |           | AC         | 416RS1W         | 2CMA167170R1000 |            |                     |



### Dimensions (mm)

| Type     | A   | B   | C   | C1 | D  | E  | G  | H   |
|----------|-----|-----|-----|----|----|----|----|-----|
| 216RS..W | 115 | 172 | 150 | 60 | 60 | 25 | 99 | 6.5 |
| 316RS..W | 118 | 170 | 150 | 60 | 60 | 25 | 99 | 6.5 |
| 416RS..W | 124 | 169 | 150 | 60 | 60 | 25 | 99 | 6.5 |

## Surface socket outlets

























Plastic enclosed

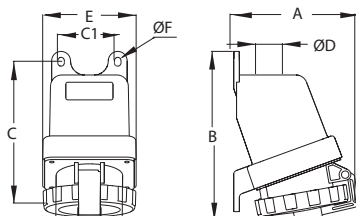


232RS6W

### 32 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry Ø 25 mm. Cable area 2.5-10 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |          |                 |            |                     |
| 3                   |  Yellow   | 100...130 | 50 and 60  | 232RS4W  | 2CMA167171R1000 | 1          | 0.41                |
|                     |  Blue     | 200...250 |            | 232RS6W  | 2CMA167172R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232RS9W  | 2CMA167173R1000 |            |                     |
|                     |  Grey     | transf    |            | 232RS12W | 2CMA167174R1000 |            |                     |
|                     |  Grey     |           | AC         | 232RS1W  | 2CMA167175R1000 |            |                     |
| 3P+E                |  |           |            |          |                 |            |                     |
| 4                   |  Green    | > 50 V~   | >300...500 | 332RS2W  | 2CMA167176R1000 | 1          | 0.43                |
|                     |  Red      | 380/440   | 50/60      | 332RS3W  | 2CMA167177R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 332RS4W  | 2CMA167178R1000 |            |                     |
|                     |  Black    | 600...690 |            | 332RS5W  | 2CMA167179R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332RS6W  | 2CMA167180R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332RS7W  | 2CMA167181R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332RS9W  | 2CMA167182R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332RS10W | 2CMA167183R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332RS11W | 2CMA167184R1000 |            |                     |
|                     |  Grey   |           | AC         | 332RS1W  | 2CMA167185R1000 |            |                     |
| 3P+N+E              |  |           |            |          |                 |            |                     |
| 5                   |  Green  | > 50 V~   | >300...500 | 432RS2W  | 2CMA167186R1000 | 1          | 0.48                |
|                     |  Red    | 380/440   | 50/60      | 432RS3W  | 2CMA167187R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432RS4W  | 2CMA167188R1000 |            |                     |
|                     |  Black  | 600...690 |            | 432RS5W  | 2CMA126670R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432RS6W  | 2CMA167189R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432RS7W  | 2CMA167190R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432RS9W  | 2CMA167191R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432RS11W | 2CMA167192R1000 |            |                     |
|                     |  Grey   |           | AC         | 432RS1W  | 2CMA167193R1000 |            |                     |



### Dimensions (mm)

| Type     | A   | B   | C   | C1 | D  | E  | G  | H   |
|----------|-----|-----|-----|----|----|----|----|-----|
| 232RS..W | 129 | 178 | 150 | 60 | 6  | 25 | 99 | 6.5 |
| 332RS..W | 129 | 178 | 150 | 60 | 60 | 25 | 99 | 6.5 |
| 432RS..W | 131 | 178 | 150 | 60 | 60 | 25 | 99 | 6.5 |

## Surface socket outlets



















Plastic enclosed

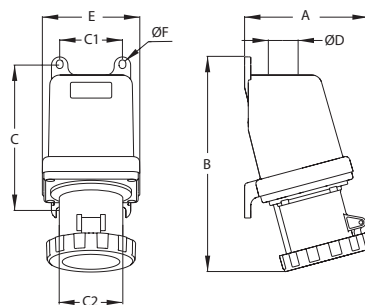


263RS6W

### 63 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry Ø 32 mm. Cable area 6-25 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Grey     |           | AC        | 263RS1W  | 2CMA167310R1000 | 1          | 1.00                |
|                     |  Yellow   | 100...130 | 50 and 60 | 263RS4W  | 2CMA167304R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 263RS6W  | 2CMA167306R1000 |            |                     |
|                     |  Red      | 380...415 |           | 263RS9W  | 2CMA167308R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Grey     |           | AC        | 363RS1W  | 2CMA167324R1000 | 1          | 1.07                |
|                     |  Yellow   | 100...130 | 50 and 60 | 363RS4W  | 2CMA167312R1000 |            |                     |
|                     |  Black    | 600...690 |           | 363RS5W  | 2CMA167314R1000 |            |                     |
|                     |  Red      | 380...415 |           | 363RS6W  | 2CMA167316R1000 |            |                     |
|                     |  Black    | 480...500 |           | 363RS7W  | 2CMA167318R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 363RS9W  | 2CMA167320R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 363RS11W | 2CMA167322R1000 |            |                     |
|                     | 3P+N+E   |           |           |          |                 |            |                     |
| 5                   |  Grey   |           | AC        | 463RS1W  | 2CMA167336R1000 | 1          | 1.15                |
|                     |  Yellow | 100...130 | 50 and 60 | 463RS4W  | 2CMA167326R1000 |            |                     |
|                     |  Black  | 600...690 |           | 463RS5W  | 2CMA126671R1000 |            |                     |
|                     |  Red    | 346...415 |           | 463RS6W  | 2CMA167328R1000 |            |                     |
|                     |  Black  | 480...500 |           | 463RS7W  | 2CMA167330R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 463RS9W  | 2CMA167332R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 463RS11W | 2CMA167334R1000 |            |                     |
|                     |  |           |           |          |                 |            |                     |



### Dimensions (mm)

| Type         | A   | B   | C   | C1 | C2 | D  | E   | F   |
|--------------|-----|-----|-----|----|----|----|-----|-----|
| 263-463RS..W | 150 | 263 | 176 | 76 | 76 | 32 | 118 | 8.0 |

## Surface socket outlets


















Plastic enclosed

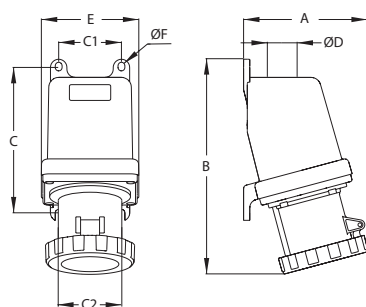


4125RS6W

### 125 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry Ø 50 mm. Cable area 16-70 mm<sup>2</sup>

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |                 |                 |            |                     |
| 3                   |  Grey     |           | AC        | 2125RS1W        | 2CMA167248R1000 | 1          | 1.45                |
|                     |  Yellow   | 100...130 | 50 and 60 | 2125RS4W        | 2CMA167244R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 2125RS6W        | 2CMA167246R1000 |            |                     |
| 3P+E                |  |           |           |                 |                 |            |                     |
| 4                   |  Grey     |           | AC        | 3125RS1W        | 2CMA167260R1000 | 1          | 1.55                |
|                     |  Yellow   | 100...130 | 50 and 60 | 3125RS4W        | 2CMA167250R1000 |            |                     |
|                     |  Black    | 600...690 |           | 3125RS5W        | 2CMA167251R1000 |            |                     |
|                     |  Red      | 380...415 | 3125RS6W  | 2CMA167252R1000 |                 |            |                     |
|                     |  Black    | 480...500 | 3125RS7W  | 2CMA167254R1000 |                 |            |                     |
|                     |  Blue     | 200...250 | 3125RS9W  | 2CMA167256R1000 |                 |            |                     |
|                     |  Red    | 440...460 | 60        | 3125RS11W       | 2CMA167258R1000 |            |                     |
| 3P+N+E              |  |           |           |                 |                 |            |                     |
| 5                   |  Grey   |           | AC        | 4125RS1W        | 2CMA167272R1000 | 1          | 1.69                |
|                     |  Yellow | 100...130 | 50 and 60 | 4125RS4W        | 2CMA167262R1000 |            |                     |
|                     |  Black  | 600...690 |           | 4125RS5W        | 2CMA126672R1000 |            |                     |
|                     |  Red    | 346...415 | 4125RS6W  | 2CMA167264R1000 |                 |            |                     |
|                     |  Black  | 480...500 | 4125RS7W  | 2CMA167266R1000 |                 |            |                     |
|                     |  Blue   | 208...250 | 4125RS9W  | 2CMA167268R1000 |                 |            |                     |
|                     |  Red    | 440...460 | 60        | 4125RS11W       | 2CMA167270R1000 |            |                     |



### Dimensions (mm)

| Type           | A   | B   | C   | C1  | C2 | D  | E   | F   |
|----------------|-----|-----|-----|-----|----|----|-----|-----|
| 2125-4125RS..W | 171 | 282 | 188 | 102 | 85 | 50 | 145 | 9.0 |

## Surface socket outlets

























For looping

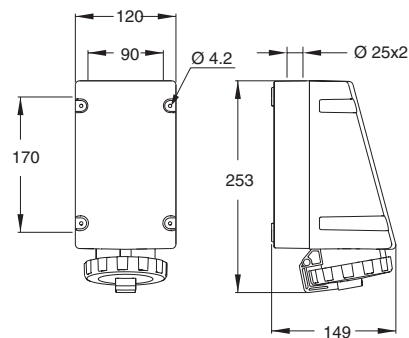


216RL6W

### 16 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry knock-outs 2×Ø 25 mm. Terminal block 2×(2.5-10 mm²). Outlet is connected to terminal block.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |                 |                 |            |                     |
| 3                   |  Grey     |           | AC         | 216RL1W         | 2CMA168461R1000 | 1          | 0.63                |
|                     |  Grey     | >50...250 | DC         | 216RL3W         | 2CMA168456R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 216RL4W         | 2CMA168457R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 216RL6W         | 2CMA168458R1000 |            |                     |
|                     |  Red      | 380...415 |            | 216RL9W         | 2CMA168459R1000 |            |                     |
|                     |  Grey     | transf    | DC         | 216RL12W        | 2CMA168460R1000 |            |                     |
| 3P+E                |  |           |            |                 |                 |            |                     |
| 4                   |  Grey     |           | AC         | 316RL1W         | 2CMA168471R1000 | 1          | 0.66                |
|                     |  Green    | > 50 V~   | >300...500 | 316RL2W         | 2CMA168462R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 316RL3W         | 2CMA168463R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 316RL4W         | 2CMA168464R1000 |            |                     |
|                     |  Black  | 600...690 |            | 316RL5W         | 2CMA168465R1000 |            |                     |
|                     |  Red    | 380...415 | 316RL6W    | 2CMA168466R1000 |                 |            |                     |
|                     |  Black  | 480...500 | 316RL7W    | 2CMA168467R1000 |                 |            |                     |
|                     |  Blue   | 200...250 | 316RL9W    | 2CMA168468R1000 |                 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 316RL10W        | 2CMA168469R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 316RL11W        | 2CMA168470R1000 |            |                     |
| 3P+N+E              |  |           |            |                 |                 |            |                     |
| 5                   |  Grey   |           | AC         | 416RL1W         | 2CMA168479R1000 | 1          | 0.68                |
|                     |  Green  | > 50 V~   | >300...500 | 416RL2W         | 2CMA168472R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 416RL3W         | 2CMA168473R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 416RL4W         | 2CMA168474R1000 |            |                     |
|                     |  Red    | 346...415 |            | 416RL6W         | 2CMA168475R1000 |            |                     |
|                     |  Black  | 480...500 | 416RL7W    | 2CMA168476R1000 |                 |            |                     |
|                     |  Blue   | 208...250 | 416RL9W    | 2CMA168477R1000 |                 |            |                     |
|                     |  Red    | 440...460 | 60         | 416RL11W        | 2CMA168478R1000 |            |                     |



## Surface socket outlets























For looping

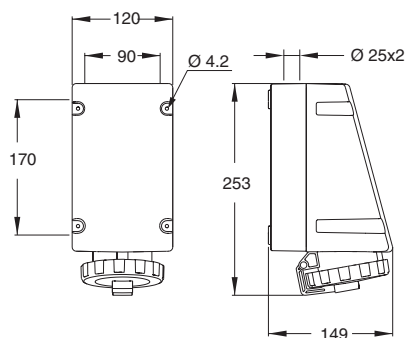


432RL6W

### 32 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry knock-outs 2xØ 25 mm. Terminal block 2x(2.5-10 mm²). Outlet is connected to terminal block.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |          |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232RL1W  | 2CMA168484R1000 | 1          | 0.69                |
|                     |  Yellow   | 100...130 | 50 and 60  | 232RL4W  | 2CMA168480R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232RL6W  | 2CMA168481R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232RL9W  | 2CMA168482R1000 |            |                     |
|                     |  Grey     | transf    |            | 232RL12W | 2CMA168483R1000 |            |                     |
| 3P+E                |  |           |            |          |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332RL1W  | 2CMA168494R1000 | 1          | 0.70                |
|                     |  Green    | > 50 V~   | >300...500 | 332RL2W  | 2CMA168485R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332RL3W  | 2CMA168486R1000 |            |                     |
|                     |  Yellow  | 100...130 | 50 and 60  | 332RL4W  | 2CMA168487R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332RL5W  | 2CMA168488R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332RL6W  | 2CMA168489R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332RL7W  | 2CMA168490R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332RL9W  | 2CMA168491R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332RL10W | 2CMA168492R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332RL11W | 2CMA168493R1000 |            |                     |
| 3P+N+E              |  |           |            |          |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432RL1W  | 2CMA168502R1000 | 1          | 0.72                |
|                     |  Green  | > 50 V~   | >300...500 | 432RL2W  | 2CMA168495R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 432RL3W  | 2CMA168496R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432RL4W  | 2CMA168497R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432RL6W  | 2CMA168498R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432RL7W  | 2CMA168499R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432RL9W  | 2CMA168500R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432RL11W | 2CMA168501R1000 |            |                     |





## Surface socket outlets
















For looping



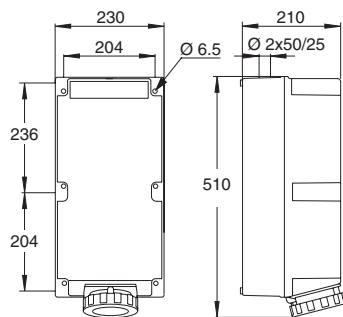
4125RL6W

### 125 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry with knock-outs 2xØ 50/25 mm. Terminal block 2x(16-70 mm²). Outlet is connected to terminal block.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |           |                 |            |                     |
| 3                   |  Grey     |           | AC        | 2125RL1W  | 2CMA168528R1000 | 1          | 4.00                |
|                     |  Yellow   | 100...130 | 50 and 60 | 2125RL4W  | 2CMA168526R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 2125RL6W  | 2CMA168527R1000 |            |                     |
| 3P+E                |  |           |           |           |                 |            |                     |
| 4                   |  Grey     |           | AC        | 3125RL1W  | 2CMA168534R1000 | 1          | 4.10                |
|                     |  Yellow   | 100...130 | 50 and 60 | 3125RL4W  | 2CMA168529R1000 |            |                     |
|                     |  Red      | 380...415 |           | 3125RL6W  | 2CMA168530R1000 |            |                     |
|                     |  Black    | 480...500 |           | 3125RL7W  | 2CMA168531R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 3125RL9W  | 2CMA168532R1000 |            |                     |
|                     |  Red      | 440...460 | 60        | 3125RL11W | 2CMA168533R1000 |            |                     |
| 3P+N+E              |  |           |           |           |                 |            |                     |
| 5                   |  Grey   |           | AC        | 4125RL1W  | 2CMA168540R1000 | 1          | 4.25                |
|                     |  Yellow | 100...130 | 50 and 60 | 4125RL4W  | 2CMA168535R1000 |            |                     |
|                     |  Red    | 346...415 |           | 4125RL6W  | 2CMA168536R1000 |            |                     |
|                     |  Black  | 480...500 |           | 4125RL7W  | 2CMA168537R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 4125RL9W  | 2CMA168538R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 4125RL11W | 2CMA168539R1000 |            |                     |

- 2125 - 4125RL...W can be equipped with sealing up to 70 mm².
- Cable clamps for Al available on request.
- RL...W have terminal block for 2 wire feeding under the same clamp.



















2125 - 4125RL..W

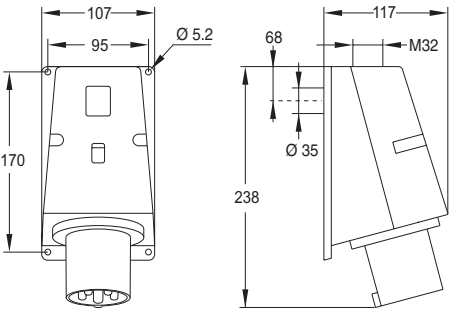
Surface inlets



463BS6

**63 A, IP44 Splashproof**  
Plastic enclosure (PBT). M32 alternative rear knock-out cable entry. Cable area 6-25 mm².

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |           |         |                 |            |                     |
| 3                   |  Grey    |           | AC        | 263BS1  | 2CMA167548R1000 | 1          | 0.80                |
|                     |  Yellow  | 100...130 | 50 and 60 | 263BS4  | 2CMA167542R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 263BS6  | 2CMA167544R1000 |            |                     |
|                     |  Red     | 380...415 |           | 263BS9  | 2CMA167546R1000 |            |                     |
| 3P+E                |   |           |           |         |                 |            |                     |
| 4                   |  Grey    |           | AC        | 363BS1  | 2CMA167562R1000 | 1          | 0.85                |
|                     |  Yellow  | 100...130 | 50 and 60 | 363BS4  | 2CMA167550R1000 |            |                     |
|                     |  Black   | 600...690 |           | 363BS5  | 2CMA167552R1000 |            |                     |
|                     |  Red     | 380...415 |           | 363BS6  | 2CMA167554R1000 |            |                     |
|                     |  Black   | 480...500 |           | 363BS7  | 2CMA167556R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 363BS9  | 2CMA167558R1000 |            |                     |
|                     |  Red   | 440...460 | 60        | 363BS11 | 2CMA167560R1000 |            |                     |
|                     |   |           |           |         |                 |            |                     |
| 3P+N+E              |   |           |           |         |                 |            |                     |
| 5                   |  Grey  |           | AC        | 463BS1  | 2CMA167574R1000 | 1          | 0.90                |
|                     |  Black | 600...690 | 50 and 60 | 463BS5  | 2CMA126701R1000 |            |                     |
|                     |  Red   | 346...415 |           | 463BS6  | 2CMA167566R1000 |            |                     |
|                     |  Black | 480...500 |           | 463BS7  | 2CMA167568R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 463BS9  | 2CMA167570R1000 |            |                     |




























## Surface inlets

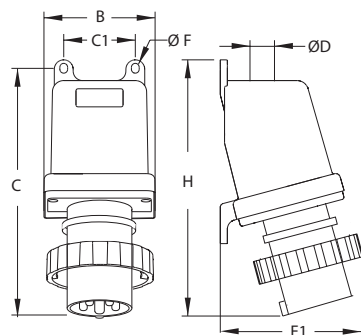


216BS6W

### 16 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry Ø 25 mm. Cable area 1.5-4 mm².

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |          |                 |            |                     |
| 3                   |  Grey     |           | AC         | 216BS1W  | 2CMA167050R1000 | 1          | 0.36                |
|                     |  Green    | > 50 V~   | >300...500 | 216BS2W  | 2CMA167051R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 216BS4W  | 2CMA167042R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 216BS6W  | 2CMA167044R1000 |            |                     |
|                     |  Red      | 380...415 |            | 216BS9W  | 2CMA167046R1000 |            |                     |
|                     |  Grey     | transf    |            | 216BS12W | 2CMA167048R1000 |            |                     |
| 3P+E                |  |           |            |          |                 |            |                     |
| 4                   |  Grey     |           | AC         | 316BS1W  | 2CMA167070R1000 | 1          | 0.41                |
|                     |  Green    | > 50 V~   | >300...500 | 316BS2W  | 2CMA167052R1000 |            |                     |
|                     |  Red     | 380/440   | 50/60      | 316BS3W  | 2CMA167054R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 316BS4W  | 2CMA167056R1000 |            |                     |
|                     |  Black  | 600...690 |            | 316BS5W  | 2CMA167058R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316BS6W  | 2CMA167060R1000 |            |                     |
|                     |  Black  | 480...500 |            | 316BS7W  | 2CMA167062R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 316BS9W  | 2CMA167064R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 316BS10W | 2CMA167066R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 316BS11W | 2CMA167068R1000 |            |                     |
| 3P+N+E              |  |           |            |          |                 |            |                     |
| 5                   |  Grey   |           | AC         | 416BS1W  | 2CMA167086R1000 | 1          | 0.43                |
|                     |  Green  | > 50 V~   | >300...500 | 416BS2W  | 2CMA167072R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 416BS3W  | 2CMA167074R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 416BS4W  | 2CMA167076R1000 |            |                     |
|                     |  Black  | 600...690 |            | 416BS5W  | 2CMA126774R1000 |            |                     |
|                     |  Red    | 346...415 |            | 416BS6W  | 2CMA167078R1000 |            |                     |
|                     |  Black  | 480...500 |            | 416BS7W  | 2CMA167080R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 416BS9W  | 2CMA167082R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 416BS11W | 2CMA167084R1000 |            |                     |



Dimensions (mm)

| Type     | B  | C   | C1 | D    | E1  | F    | H   |
|----------|----|-----|----|------|-----|------|-----|
| 216BS..W | 99 | 150 | 60 | 28.3 | 129 | 06.6 | 196 |
| 316BS..W | 99 | 150 | 60 | 28.3 | 132 | 06.5 | 202 |
| 416BS..W | 99 | 150 | 60 | 28.3 | 134 | 06.5 | 209 |

























## Surface inlets

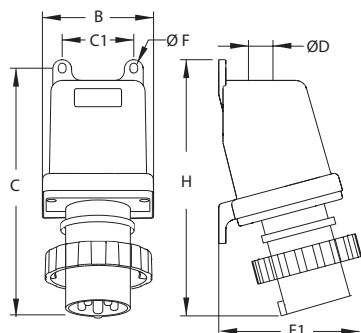


432BS6W

### 32 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry Ø 25 mm. Cable area 2.5-10 mm².

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |          |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232BS1W  | 2CMA167096R1000 | 1          | 0.44                |
|                     |  Yellow   | 100...130 | 50 and 60  | 232BS4W  | 2CMA167088R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232BS6W  | 2CMA167090R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232BS9W  | 2CMA167092R1000 |            |                     |
|                     |  Grey     | transf    |            | 232BS12W | 2CMA167094R1000 |            |                     |
| 3P+E                |  |           |            |          |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332BS1W  | 2CMA167114R1000 | 1          | 0.46                |
|                     |  Green    | > 50 V~   | >300...500 | 332BS2W  | 2CMA167098R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332BS3W  | 2CMA167100R1000 |            |                     |
|                     |  Yellow  | 100...130 | 50 and 60  | 332BS4W  | 2CMA167102R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332BS5W  | 2CMA167103R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332BS6W  | 2CMA167104R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332BS7W  | 2CMA167106R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332BS9W  | 2CMA167108R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332BS10W | 2CMA167110R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332BS11W | 2CMA167112R1000 |            |                     |
| 3P+N+E              |  |           |            |          |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432BS1W  | 2CMA167130R1000 | 1          | 0.48                |
|                     |  Green  | > 50 V~   | >300...500 | 432BS2W  | 2CMA167116R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 432BS3W  | 2CMA167118R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432BS4W  | 2CMA167120R1000 |            |                     |
|                     |  Black  | 600...690 |            | 432BS5W  | 2CMA126776R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432BS6W  | 2CMA167122R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432BS7W  | 2CMA167124R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432BS9W  | 2CMA167126R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432BS11W | 2CMA167128R1000 |            |                     |



Dimensions (mm)

| Type     | B  | C   | C1 | D    | E1  | F   | H   |
|----------|----|-----|----|------|-----|-----|-----|
| 232BS..W | 99 | 150 | 60 | 28.3 | 136 | 6.5 | 220 |
| 332BS..W | 99 | 150 | 60 | 28.3 | 136 | 6.5 | 220 |
| 432BS..W | 99 | 150 | 60 | 28.3 | 140 | 6.5 | 226 |



















## Surface inlets

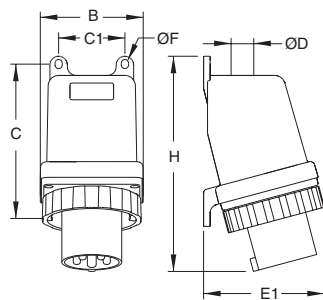


263BS6W

### 63 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry Ø 32 mm. Cable area 6-25 mm<sup>2</sup>.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type     | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |          |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |          |                 |            |                     |
| 3                   |  Grey     |           | AC        | 263BS1W  | 2CMA167344R1000 | 1          | 1.20                |
|                     |  Yellow   | 100...130 | 50 and 60 | 263BS4W  | 2CMA167338R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 263BS6W  | 2CMA167340R1000 |            |                     |
|                     |  Red      | 380...415 |           | 263BS9W  | 2CMA167342R1000 |            |                     |
| 3P+E                |  |           |           |          |                 |            |                     |
| 4                   |  Grey     |           | AC        | 363BS1W  | 2CMA167358R1000 | 1          | 1.30                |
|                     |  Yellow   | 100...130 | 50 and 60 | 363BS4W  | 2CMA167346R1000 |            |                     |
|                     |  Black    | 600...690 |           | 363BS5W  | 2CMA167348R1000 |            |                     |
|                     |  Red      | 380...415 |           | 363BS6W  | 2CMA167350R1000 |            |                     |
|                     |  Black    | 480...500 |           | 363BS7W  | 2CMA167352R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 363BS9W  | 2CMA167354R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 363BS11W | 2CMA167356R1000 |            |                     |
| 3P+N+E              |  |           |           |          |                 |            |                     |
| 5                   |  Grey   |           | AC        | 463BS1W  | 2CMA167370R1000 | 1          | 1.40                |
|                     |  Yellow | 100...130 | 50 and 60 | 463BS4W  | 2CMA167360R1000 |            |                     |
|                     |  Black  | 600...690 |           | 463BS5W  | 2CMA126775R1000 |            |                     |
|                     |  Red    | 346...415 |           | 463BS6W  | 2CMA167362R1000 |            |                     |
|                     |  Black  | 480...500 |           | 463BS7W  | 2CMA167364R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 463BS9W  | 2CMA167366R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 463BS11W | 2CMA167368R1000 |            |                     |



Dimensions (mm)

| Type         | B   | C   | C1 | D  | E1  | F | H   |
|--------------|-----|-----|----|----|-----|---|-----|
| 263-463BS..W | 118 | 176 | 76 | 38 | 138 | 8 | 249 |

















## Surface inlets

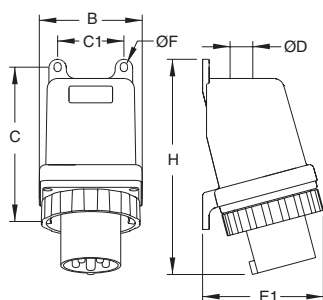


4125BS6W

### 125 A, IP67 Watertight

Plastic enclosure (PBT). Cable entry Ø 50 mm. Cable area 16-70 mm<sup>2</sup>.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |           |                 |            |                     |
| 3                   |  Grey     |           | AC        | 2125BS1W  | 2CMA167278R1000 | 1          | 4.00                |
|                     |  Yellow   | 100...130 | 50 and 60 | 2125BS4W  | 2CMA167274R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 2125BS6W  | 2CMA167276R1000 |            |                     |
| 3P+E                |  |           |           |           |                 |            |                     |
| 4                   |  Grey     |           | AC        | 3125BS1W  | 2CMA167290R1000 | 1          | 4.10                |
|                     |  Yellow   | 100...130 | 50 and 60 | 3125BS4W  | 2CMA167280R1000 |            |                     |
|                     |  Red      | 380...415 |           | 3125BS6W  | 2CMA167282R1000 |            |                     |
|                     |  Black    | 480...500 |           | 3125BS7W  | 2CMA167284R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 3125BS9W  | 2CMA167286R1000 |            |                     |
|                     |  Red      | 440...460 | 60        | 3125BS11W | 2CMA167288R1000 |            |                     |
| 3P+N+E              |  |           |           |           |                 |            |                     |
| 5                   |  Grey   |           | AC        | 4125BS1W  | 2CMA167302R1000 | 1          | 4.25                |
|                     |  Yellow | 100...130 | 50 and 60 | 4125BS4W  | 2CMA167292R1000 |            |                     |
|                     |  Black  | 600...690 |           | 4125BS5W  | 2CMA126705R1000 |            |                     |
|                     |  Red    | 346...415 |           | 4125BS6W  | 2CMA167294R1000 |            |                     |
|                     |  Black  | 480...500 |           | 4125BS7W  | 2CMA167296R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 4125BS9W  | 2CMA167298R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 4125BS11W | 2CMA167300R1000 |            |                     |



### Dimensions (mm)

| Type           | B   | C   | C1 | D  | E1  | F | H   |
|----------------|-----|-----|----|----|-----|---|-----|
| 2125-4125BS..W | 145 | 188 | 85 | 47 | 160 | 9 | 265 |












## Panel mounted socket outlets

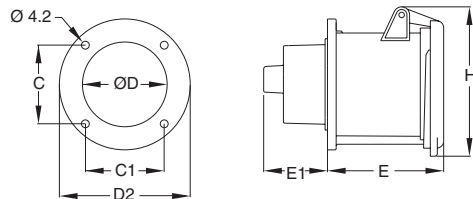
Unified straight flange



463RU6

**63 A, IP44 Splashproof**  
Plastic enclosure (PBT). Cable area 6-25 mm<sup>2</sup>.

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type   | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|--------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |        |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |           |        |                 |            |                     |
| 3                   |  Grey    |           | AC        | 263RU1 | 2CMA167514R1000 | 1          | 0.60                |
|                     |  Yellow  | 100...130 | 50 and 60 | 263RU4 | 2CMA167508R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 263RU6 | 2CMA167510R1000 |            |                     |
| 3P+E                |   |           |           |        |                 |            |                     |
| 4                   |  Grey    |           | AC        | 363RU1 | 2CMA167528R1000 | 1          | 0.69                |
|                     |  Black   | 600...690 | 50 and 60 | 363RU5 | 2CMA167518R1000 |            |                     |
|                     |  Red     | 380...415 |           | 363RU6 | 2CMA167520R1000 |            |                     |
|                     |  Black   | 480...500 |           | 363RU7 | 2CMA167522R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 363RU9 | 2CMA167524R1000 |            |                     |
| 3P+N+E              |   |           |           |        |                 |            |                     |
| 5                   |  Grey  |           | AC        | 463RU1 | 2CMA167540R1000 | 1          | 0.76                |
|                     |  Black | 600...690 | 50 and 60 | 463RU5 | 2CMA126675R1000 |            |                     |
|                     |  Red   | 346...415 |           | 463RU6 | 2CMA167532R1000 |            |                     |



### Dimensions (mm)

| Type        | C  | C1 | D  | D2  | E  | E1 | H   |
|-------------|----|----|----|-----|----|----|-----|
| 263-463RU.. | 61 | 61 | 70 | 104 | 87 | 48 | 112 |

## Panel mounted socket outlets




















Unified straight flange

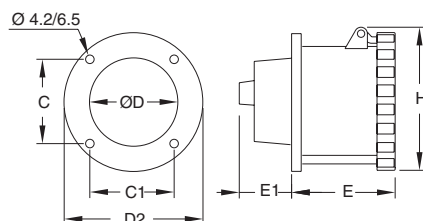


263RU6W

### 63 A, IP67 Watertight

Plastic enclosure (PBT). Cable area 6-25 mm<sup>2</sup>. With pilot contact.

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |          |                 |            |                               |
| 3                   |  Grey     |              | AC              | 263RU1W  | 2CMA167378R1000 | 1          | 0.64                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 263RU4W  | 2CMA167372R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 263RU6W  | 2CMA167374R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 263RU9W  | 2CMA167376R1000 |            |                               |
| 3P+E                |  |              |                 |          |                 |            |                               |
| 4                   |  Grey     |              | AC              | 363RU1W  | 2CMA167392R1000 | 1          | 0.69                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 363RU4W  | 2CMA167380R1000 |            |                               |
|                     |  Black    | 600...690    |                 | 363RU5W  | 2CMA167382R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 363RU6W  | 2CMA167384R1000 |            |                               |
|                     |  Black    | 480...500    |                 | 363RU7W  | 2CMA167386R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 363RU9W  | 2CMA167388R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 363RU11W | 2CMA167390R1000 |            |                               |
| 3P+N+E              |  |              |                 |          |                 |            |                               |
| 5                   |  Grey   |              | AC              | 463RU1W  | 2CMA167404R1000 | 1          | 0.76                          |
|                     |  Green  | > 50 V~      | >300...500      | 463RU2W  | 2CMA168182R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 463RU4W  | 2CMA167394R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 463RU5W  | 2CMA126676R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 463RU6W  | 2CMA167396R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 463RU7W  | 2CMA167398R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 463RU9W  | 2CMA167400R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 463RU11W | 2CMA167402R1000 |            |                               |



### Dimensions (mm)

| Type                  | C  | C1 | D  | D2  | E  | E1 | H   |
|-----------------------|----|----|----|-----|----|----|-----|
| 263RU...W...463RU...W | 61 | 61 | 70 | 104 | 89 | 48 | 111 |



## Panel mounted socket outlets






Unified straight flange



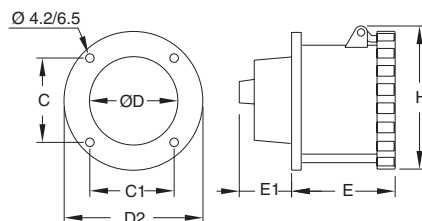
4125RU6W

### 125 A, IP67 Watertight

Plastic enclosure (PBT). LP types with long phase sleeves and pilot contact. Cable area 16-70 mm²..

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type         | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|--------------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |              |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |              |                 |            |                     |
| 3                   |  Grey     |           | AC        | 2125RU1W     | 2CMA167134R1000 | 1          | 0.85                |
|                     |  Yellow   | 100...130 | 50 and 60 | 2125RU4W     | 2CMA167132R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 2125RU6W     | 2CMA167133R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 2125RU6W LP  | 2CMA192729R1000 |            |                     |
| 3P+E                |  |           |           |              |                 |            |                     |
| 4                   |  Grey     |           | AC        | 3125RU1W     | 2CMA167140R1000 | 1          | 1.00                |
|                     |  Yellow   | 100...130 | 50 and 60 | 3125RU4W     | 2CMA167135R1000 |            |                     |
|                     |  Black    | 600...690 |           | 3125RU5W     | 2CMA126718R1000 |            |                     |
|                     |  Red      | 380...415 |           | 3125RU6W     | 2CMA167136R1000 |            |                     |
|                     |  Red      | 380...415 |           | 3125RU6W LP  | 2CMA192730R1000 |            |                     |
|                     |  Black  | 480...500 |           | 3125RU7W     | 2CMA167137R1000 |            |                     |
|                     |  Black  | 480...500 |           | 3125RU7W LP  | 2CMA101865R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 3125RU9W     | 2CMA167138R1000 |            |                     |
|                     |  Blue   | 200...250 |           | 3125RU9W LP  | 2CMA101866R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 3125RU11W    | 2CMA167139R1000 |            |                     |
|                     |  Red    | 440...460 |           | 3125RU11W LP | 2CMA101867R1000 |            |                     |
| 3P+N+E              |  |           |           |              |                 |            |                     |
| 5                   |  Grey   |           | AC        | 4125RU1W     | 2CMA167146R1000 | 1          | 1.14                |
|                     |  Yellow | 100...130 | 50 and 60 | 4125RU4W     | 2CMA167141R1000 |            |                     |
|                     |  Red    | 346...415 |           | 4125RU6W     | 2CMA167142R1000 |            |                     |
|                     |  Red    | 346...415 |           | 4125RU6W LP  | 2CMA169213R1000 |            |                     |
|                     |  Black  | 480...500 |           | 4125RU7W     | 2CMA167143R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 4125RU9W     | 2CMA167144R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 4125RU11W    | 2CMA167145R1000 |            |                     |

- Delivered with flange gasket.



### Dimensions (mm)

| Type                   | C  | C1 | D  | D2  | E   | E1 | H   |
|------------------------|----|----|----|-----|-----|----|-----|
| 2125RU...W...4125RU..W | 71 | 71 | 88 | 115 | 100 | 58 | 122 |

## Panel mounted socket outlets

Unified straight flange



3125RF6W LP

### 125 A, IP67 Watertight

Thermoplastic enclosure (PBT). Screw calmps. Cable area 16-70 mm<sup>2</sup>. With pilot contact.

| Terminals/<br>Poles | Color<br>code | Voltage<br>V          | Frequency<br>Hz | Type         | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|---------------|-----------------------|-----------------|--------------|-----------------|------------|-------------------------------|
| <b>2P+E</b>         |               |                       |                 |              |                 |            |                               |
| 3                   | Blue          | 200...250             | 50 and 60       | 2125RF6W LP  | 2CMA101881R1000 | 1          | 1.2                           |
| <b>3P+E</b>         |               |                       |                 |              |                 |            |                               |
| 4                   | Grey          |                       | AC              | 3125RF1W LP  | 2CMA101874R1000 | 1          | 1.23                          |
|                     | Yellow        | 100...130             | 50 and 60       | 3125RF4W LP  | 2CMA101875R1000 |            |                               |
|                     | Black         | 600...690             |                 | 3125RF5W LP  | 2CMA101876R1000 |            |                               |
|                     | Red           | 380...415             |                 | 3125RF6W LP  | 2CMA101877R1000 |            |                               |
|                     | Black         | 480...500             |                 | 3125RF7W LP  | 2CMA101878R1000 |            |                               |
|                     | Blue          | 200...250             |                 | 3125RF9W LP  | 2CMA101879R1000 |            |                               |
|                     | Red           | 440...460             | 60              | 3125RF11W LP | 2CMA101880R1000 |            |                               |
| <b>3P+N+E</b>       |               |                       |                 |              |                 |            |                               |
| 5                   | Green         | > 50 V~               | >300...500      | 4125RF2W LP  | 2CMA101871R1000 | 1          | 1.3                           |
|                     | Red           | 200/346...<br>240/415 | 50 and 60       | 4125RF6W LP  | 2CMA101870R1000 |            |                               |
|                     | Blue          | 120/208...<br>144/250 |                 | 4125RF9W LP  | 2CMA101872R1000 |            |                               |
|                     | Red           | 250/440...<br>265/460 | 60              | 4125RF11W LP | 2CMA101873R1000 |            |                               |

These products are equipped with pilot contacts. In all products with pilot contacts according to IEC 60 309-1 and -2, the pilot pin and sleeve are shorter than the other connecting pins and sleeves.

This means that the "pilot circuit" breaks before and connects after the main circuit giving optimum safety. The maximum connection area is 4 mm<sup>2</sup>.

## Panel mounted socket outlets













Unified angled flange

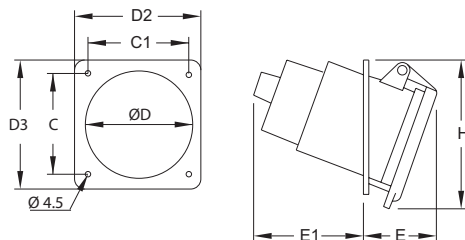


463RAU6

### 63 A, IP44 Splashproof

Plastic enclosure (PBT). Cable area 6-25 mm<sup>2</sup>. With pilot contact.

| Terminals/<br>Poles | Color<br>code   | Voltage   | Frequency | Type    | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---|-----------|-----------|---------|-----------------|------------|---------------------|
|                     |   | V         | Hz        |         |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |   |           |           |         |                 |            |                     |
| 3                   |  Grey    |           | AC        | 263RAU1 | 2CMA167412R1000 | 1          | 0.60                |
|                     |  Yellow  | 100...130 | 50 and 60 | 263RAU4 | 2CMA167406R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 263RAU6 | 2CMA167408R1000 |            |                     |
| 3P+E                |   |           |           |         |                 |            |                     |
| 4                   |  Grey    |           | AC        | 363RAU1 | 2CMA167426R1000 | 1          | 0.63                |
|                     |  Black   | 600...690 | 50 and 60 | 363RAU5 | 2CMA167416R1000 |            |                     |
|                     |  Red     | 380...415 |           | 363RAU6 | 2CMA167418R1000 |            |                     |
|                     |  Black   | 480...500 |           | 363RAU7 | 2CMA167420R1000 |            |                     |
|                     |  Blue    | 200...250 |           | 363RAU9 | 2CMA167422R1000 |            |                     |
| 3P+N+E              |   |           |           |         |                 |            |                     |
| 5                   |  Grey  |           | AC        | 463RAU1 | 2CMA167438R1000 | 1          | 0.69                |
|                     |  Black | 600...690 | 50 and 60 | 463RAU5 | 2CMA126680R1000 |            |                     |
|                     |  Red   | 346...415 |           | 463RAU6 | 2CMA167430R1000 |            |                     |
|                     |  Blue  | 200...250 |           | 463RAU9 | 2CMA101700R1000 |            |                     |



Dimensions (mm)

| Type         | C  | C1 | D  | D2  | D3  | E  | E1 | H   |
|--------------|----|----|----|-----|-----|----|----|-----|
| 263-463RAU.. | 84 | 80 | 92 | 100 | 104 | 62 | 73 | 111 |



















## Panel mounted socket outlets

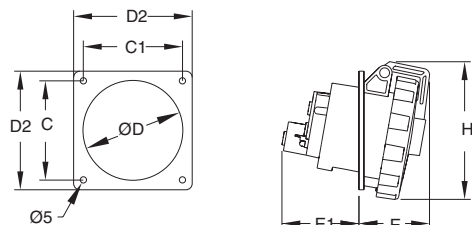
Unified angled flange



216RAU6W

**16 A, IP67 Watertight**  
Plastic enclosure (PBT). Cable area 1.5-4 mm<sup>2</sup>.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |           |                 |            |                     |
| 3                   |  Grey     |           | AC         | 216RAU1W  | 2CMA167002R1000 | 1          | 0.12                |
|                     |  Yellow   | 100...130 | 50 and 60  | 216RAU4W  | 2CMA166994R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 216RAU6W  | 2CMA166996R1000 |            |                     |
|                     |  Red      | 380...415 |            | 216RAU9W  | 2CMA166998R1000 |            |                     |
|                     |  Grey     | transf    |            | 216RAU12W | 2CMA167000R1000 |            |                     |
| 3P+E                |  |           |            |           |                 |            |                     |
| 4                   |  Grey     |           | AC         | 316RAU1W  | 2CMA167022R1000 | 1          | 0.15                |
|                     |  Green    | > 50 V~   | >300...500 | 316RAU2W  | 2CMA167004R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 316RAU3W  | 2CMA167006R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 316RAU4W  | 2CMA167008R1000 |            |                     |
|                     |  Black  | 600...690 |            | 316RAU5W  | 2CMA167010R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316RAU6W  | 2CMA167012R1000 |            |                     |
|                     |  Black  | 480...500 |            | 316RAU7W  | 2CMA167014R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 316RAU9W  | 2CMA167016R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 316RAU10W | 2CMA167018R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 316RAU11W | 2CMA167020R1000 |            |                     |
| 3P+N+E              |  |           |            |           |                 |            |                     |
| 5                   |  Grey   |           | AC         | 416RAU1W  | 2CMA167038R1000 | 1          | 0.18                |
|                     |  Green  | > 50 V~   | >300...500 | 416RAU2W  | 2CMA167024R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 416RAU3W  | 2CMA167026R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 416RAU4W  | 2CMA167028R1000 |            |                     |
|                     |  Black  | 600...690 |            | 416RAU5W  | 2CMA126681R1000 |            |                     |
|                     |  Red    | 346...415 |            | 416RAU6W  | 2CMA167030R1000 |            |                     |
|                     |  Black  | 480...500 |            | 416RAU7W  | 2CMA167032R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 416RAU9W  | 2CMA167034R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 416RAU11W | 2CMA167036R1000 |            |                     |



Dimensions (mm)

| Type      | C    | C1   | D  | D2 | E  | E1 | H  |
|-----------|------|------|----|----|----|----|----|
| 216RAU..W | 79.5 | 79.5 | 83 | 95 | 45 | 57 | 95 |
| 316RAU..W | 79.5 | 79.5 | 83 | 95 | 45 | 57 | 95 |
| 416RAU..W | 79.5 | 79.5 | 83 | 95 | 47 | 57 | 99 |

## Panel mounted socket outlets

























Unified angled flange

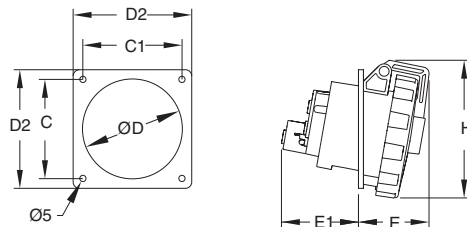


432RAU6W

### 32 A, IP67 Watertight

Plastic enclosure (PBT). Cable area 2.5-10 mm².

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |           |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232RAU1W  | 2CMA166954R1000 | 1          | 0.19                |
|                     |  Yellow   | 100...130 | 50 and 60  | 232RAU4W  | 2CMA166946R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232RAU6W  | 2CMA166948R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232RAU9W  | 2CMA166950R1000 |            |                     |
|                     |  Grey     | transf    |            | 232RAU12W | 2CMA166952R1000 |            |                     |
| 3P+E                |  |           |            |           |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332RAU1W  | 2CMA166974R1000 | 1          | 0.21                |
|                     |  Green    | > 50 V~   | >300...500 | 332RAU2W  | 2CMA166956R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332RAU3W  | 2CMA166958R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 332RAU4W  | 2CMA166960R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332RAU5W  | 2CMA166962R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332RAU6W  | 2CMA166964R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332RAU7W  | 2CMA166966R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332RAU9W  | 2CMA166968R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332RAU10W | 2CMA166970R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332RAU11W | 2CMA166972R1000 |            |                     |
| 3P+N+E              |  |           |            |           |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432RAU1W  | 2CMA166990R1000 | 1          | 0.26                |
|                     |  Green  | > 50 V~   | >300...500 | 432RAU2W  | 2CMA166976R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 432RAU3W  | 2CMA166978R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432RAU4W  | 2CMA166980R1000 |            |                     |
|                     |  Black  | 600...690 |            | 432RAU5W  | 2CMA126682R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432RAU6W  | 2CMA166982R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432RAU7W  | 2CMA166984R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432RAU9W  | 2CMA166986R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432RAU11W | 2CMA166988R1000 |            |                     |



Dimensions (mm)

| Type      | C    | C1   | D  | D2 | E  | E1 | H   |
|-----------|------|------|----|----|----|----|-----|
| 232RAU..W | 79.5 | 79.5 | 83 | 95 | 56 | 61 | 104 |
| 332RAU..W | 79.5 | 79.5 | 83 | 95 | 56 | 61 | 104 |
| 432RAU..W | 79.5 | 79.5 | 83 | 95 | 56 | 62 | 111 |

## Panel mounted socket outlets



















Unified angled flange



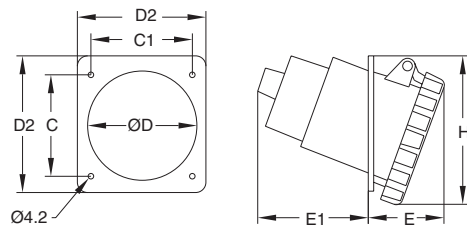
463RAU6W

### 63 A, IP67 Watertight

Plastic enclosure (PBT). Cable area 6-25 mm<sup>2</sup>. With pilot contact.

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--|-----------|-----------|-----------|-----------------|------------|-------------------------|
|                     |  | V         | Hz        |           |                 |            | kg                      |
| 2P+E                |  |           |           |           |                 |            |                         |
| 3                   |  Grey     |           | AC        | 263RAU1W  | 2CMA167446R1000 | 1          | 0.60                    |
|                     |  Yellow   | 100...130 | 50 and 60 | 263RAU4W  | 2CMA167440R1000 |            |                         |
|                     |  Blue     | 200...250 |           | 263RAU6W  | 2CMA167442R1000 |            |                         |
|                     |  Red      | 380...415 |           | 263RAU9W  | 2CMA167444R1000 |            |                         |
| 3P+E                |  |           |           |           |                 |            |                         |
| 4                   |  Grey     |           | AC        | 363RAU1W  | 2CMA167460R1000 | 1          | 0.63                    |
|                     |  Yellow   | 100...130 | 50 and 60 | 363RAU4W  | 2CMA167448R1000 |            |                         |
|                     |  Black    | 600...690 |           | 363RAU5W  | 2CMA167450R1000 |            |                         |
|                     |  Red      | 380...415 |           | 363RAU6W  | 2CMA167452R1000 |            |                         |
|                     |  Black    | 480...500 |           | 363RAU7W  | 2CMA167454R1000 |            |                         |
|                     |  Blue   | 200...250 |           | 363RAU9W  | 2CMA167456R1000 |            |                         |
|                     |  Red    | 440...460 | 60        | 363RAU11W | 2CMA167458R1000 |            |                         |
|                     |  |           |           |           |                 |            |                         |
| 3P+N+E              |  |           |           |           |                 |            |                         |
| 5                   |  Grey   |           | AC        | 463RAU1W  | 2CMA167472R1000 | 1          | 0.69                    |
|                     |  Yellow | 100...130 | 50 and 60 | 463RAU4W  | 2CMA167462R1000 |            |                         |
|                     |  Black  | 600...690 |           | 463RAU5W  | 2CMA126683R1000 |            |                         |
|                     |  Red    | 346...415 |           | 463RAU6W  | 2CMA167464R1000 |            |                         |
|                     |  Black  | 480...500 |           | 463RAU7W  | 2CMA167466R1000 |            |                         |
|                     |  Blue   | 208...250 |           | 463RAU9W  | 2CMA167468R1000 |            |                         |
|                     |  Red    | 440...460 | 60        | 463RAU11W | 2CMA167470R1000 |            |                         |
|                     |  |           |           |           |                 |            |                         |

- Delivered with flange gasket.



### Dimensions (mm)

| Type          | C  | C1 | D  | D2  | E  | E1 | H   |
|---------------|----|----|----|-----|----|----|-----|
| 263-463RAU..W | 84 | 80 | 92 | 104 | 61 | 71 | 115 |

## Panel mounted socket inlets









### Straight flange

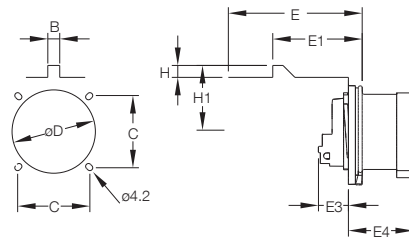


463BU6

#### 63 A, IP44 Splashproof

Plastic enclosure (PBT). Cable area 6-25 mm<sup>2</sup>.

| Terminals/<br>Poles | Color<br>code   | Voltage<br>V | Frequency<br>Hz | Type   | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|---|--------------|-----------------|--------|-----------------|------------|-------------------------------|
| 2P+E                |   |              |                 |        |                 |            |                               |
| 3                   |  Grey  |              | AC              | 263BU1 | 2CMA167216R1000 | 1          | 0.50                          |
|                     |  Blue  | 200...250    | 50 and 60       | 263BU6 | 2CMA167212R1000 |            |                               |
| 3P+E                |   |              |                 |        |                 |            |                               |
| 4                   |  Grey  |              | AC              | 363BU1 | 2CMA167230R1000 | 1          | 0.55                          |
|                     |  Black | 600...690    | 50 and 60       | 363BU5 | 2CMA167220R1000 |            |                               |
|                     |  Red   | 380...415    |                 | 363BU6 | 2CMA167222R1000 |            |                               |
|                     |  Blue  | 200...250    |                 | 363BU9 | 2CMA167226R1000 |            |                               |
| 3P+N+E              |   |              |                 |        |                 |            |                               |
| 5                   |  Grey  |              | AC              | 463BU1 | 2CMA167242R1000 | 1          | 0.60                          |
|                     |  Red  | 346...415    | 50 and 60       | 463BU6 | 2CMA167234R1000 |            |                               |



#### Dimensions (mm)

| Type        | B  | C  | D  | E   | E1   | E3   | E4   | H | H1   |
|-------------|----|----|----|-----|------|------|------|---|------|
| 263-463BU.. | 11 | 61 | 70 | 105 | 62.0 | 50.0 | 78.0 | 9 | 49.5 |

## Panel mounted socket inlets




















### Straight flange



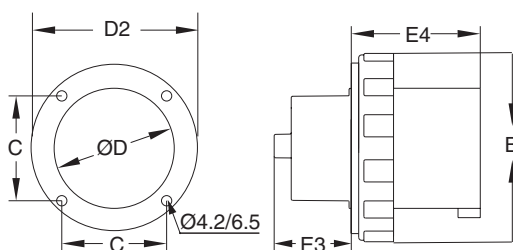
263BU6W

#### 63 A, IP67 Watertight

Plastic enclosure (PBT). Cable area 6-25 mm<sup>2</sup>.

| Terminals/<br>Poles | Color<br>code  | Voltage<br>V | Frequency<br>Hz | Type     | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--|--------------|-----------------|----------|-----------------|------------|-------------------------------|
| 2P+E                |  |              |                 |          |                 |            |                               |
| 3                   |  Grey     |              | AC              | 263BU1W  | 2CMA168106R1000 | 1          | 0.50                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 263BU4W  | 2CMA168103R1000 |            |                               |
|                     |  Blue     | 200...250    |                 | 263BU6W  | 2CMA168104R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 263BU9W  | 2CMA168105R1000 |            |                               |
| 3P+E                |  |              |                 |          |                 |            |                               |
| 4                   |  Grey     |              | AC              | 363BU1W  | 2CMA168113R1000 | 1          | 0.55                          |
|                     |  Yellow   | 100...130    | 50 and 60       | 363BU4W  | 2CMA168107R1000 |            |                               |
|                     |  Black    | 600...690    |                 | 363BU5W  | 2CMA168108R1000 |            |                               |
|                     |  Red      | 380...415    |                 | 363BU6W  | 2CMA168109R1000 |            |                               |
|                     |  Black    | 480...500    |                 | 363BU7W  | 2CMA168110R1000 |            |                               |
|                     |  Blue   | 200...250    |                 | 363BU9W  | 2CMA168111R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 363BU11W | 2CMA168112R1000 |            |                               |
| 3P+N+E              |  |              |                 |          |                 |            |                               |
| 5                   |  Grey   |              | AC              | 463BU1W  | 2CMA168119R1000 | 1          | 0.60                          |
|                     |  Green  | > 50 V~      | >300...500      | 463BU2W  | 2CMA168180R1000 |            |                               |
|                     |  Yellow | 100...130    | 50 and 60       | 463BU4W  | 2CMA168114R1000 |            |                               |
|                     |  Black  | 600...690    |                 | 463BU5W  | 2CMA100859R1000 |            |                               |
|                     |  Red    | 346...415    |                 | 463BU6W  | 2CMA168115R1000 |            |                               |
|                     |  Black  | 480...500    |                 | 463BU7W  | 2CMA168116R1000 |            |                               |
|                     |  Blue   | 208...250    |                 | 463BU9W  | 2CMA168117R1000 |            |                               |
|                     |  Red    | 440...460    | 60              | 463BU11W | 2CMA168118R1000 |            |                               |

- Delivered with flange gasket.



#### Dimensions (mm)

| Type         | B   | C  | D  | D2 | E3 | E4 |
|--------------|-----|----|----|----|----|----|
| 263-463BU..W | 112 | 61 | 70 | 98 | 50 | 80 |



## Panel mounted socket inlets

















### Straight flange



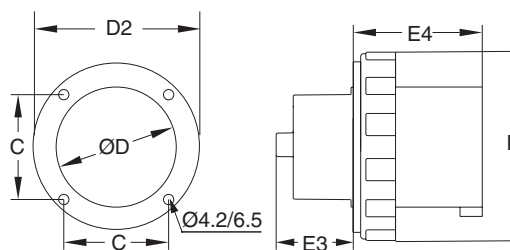
4125BU6W

#### 125 A, IP67 Watertight

Plastic enclosure (PBT). Cable area 16-70 mm².

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |           |           |                 |            |                     |
| 3                   |  Grey     |           | AC        | 2125BU1W  | 2CMA167196R1000 | 1          | 0.78                |
|                     |  Yellow   | 100...130 | 50 and 60 | 2125BU4W  | 2CMA167194R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 2125BU6W  | 2CMA167195R1000 |            |                     |
| 3P+E                |  |           |           |           |                 |            |                     |
| 4                   |  Grey     |           | AC        | 3125BU1W  | 2CMA167202R1000 | 1          | 0.84                |
|                     |  Yellow   | 100...130 | 50 and 60 | 3125BU4W  | 2CMA167197R1000 |            |                     |
|                     |  Black    | 600...690 |           | 3125BU5W  | 2CMA126719R1000 |            |                     |
|                     |  Red      | 380...415 |           | 3125BU6W  | 2CMA167198R1000 |            |                     |
|                     |  Black    | 480...500 |           | 3125BU7W  | 2CMA167199R1000 |            |                     |
|                     |  Blue     | 200...250 |           | 3125BU9W  | 2CMA167200R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 3125BU11W | 2CMA167201R1000 |            |                     |
| 3P+N+E              |  |           |           |           |                 |            |                     |
| 5                   |  Grey   |           | AC        | 4125BU1W  | 2CMA167208R1000 | 1          | 0.96                |
|                     |  Yellow | 100...130 | 50 and 60 | 4125BU4W  | 2CMA167203R1000 |            |                     |
|                     |  Red    | 380...415 |           | 4125BU6W  | 2CMA167204R1000 |            |                     |
|                     |  Black  | 480...500 |           | 4125BU7W  | 2CMA167205R1000 |            |                     |
|                     |  Blue   | 208...250 |           | 4125BU9W  | 2CMA167206R1000 |            |                     |
|                     |  Red    | 440...460 | 60        | 4125BU11W | 2CMA167207R1000 |            |                     |

- Delivered with flange gasket.



#### Dimensions (mm)

| Type           | B   | C  | D  | D2  | E3 | E4 |
|----------------|-----|----|----|-----|----|----|
| 2125-4125BU..W | 122 | 71 | 81 | 118 | 56 | 89 |

## Panel mounted socket inlets





















Angled flange



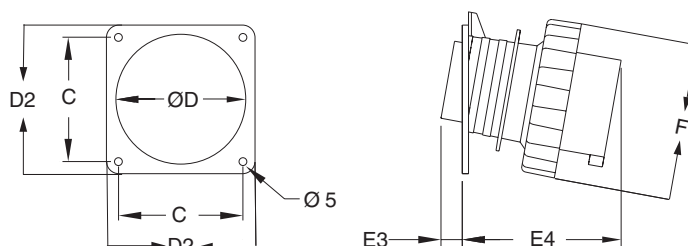
216BAU6W

### 16 A, IP67 Watertight

Plastic enclosure (PBT). Cable area 1.5-4 mm².

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |                 |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |                 |                 |            |                     |
| 3                   |  Grey     |           | AC         | 216BAU1W        | 2CMA166684R1000 | 1          | 0.14                |
|                     |  Grey     | >50...250 | DC         | 216BAU3W        | 2CMA166674R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 216BAU4W        | 2CMA166676R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 216BAU6W        | 2CMA166678R1000 |            |                     |
|                     |  Red      | 380...415 |            | 216BAU9W        | 2CMA166680R1000 |            |                     |
|                     |  Grey     | transf    | 216BAU12W  | 2CMA166682R1000 |                 |            |                     |
| 3P+E                |  |           |            |                 |                 |            |                     |
| 4                   |  Grey     |           | AC         | 316BAU1W        | 2CMA166704R1000 | 1          | 0.19                |
|                     |  Green    | > 50 V~   | >300...500 | 316BAU2W        | 2CMA166686R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 316BAU3W        | 2CMA166688R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 316BAU4W        | 2CMA166690R1000 |            |                     |
|                     |  Black  | 600...690 |            | 316BAU5W        | 2CMA166692R1000 |            |                     |
|                     |  Red    | 380...415 |            | 316BAU6W        | 2CMA166694R1000 |            |                     |
|                     |  Black  | 480...500 |            | 316BAU7W        | 2CMA166696R1000 |            |                     |
|                     |  Blue   | 200...250 | 316BAU9W   | 2CMA166698R1000 |                 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 316BAU10W       | 2CMA166700R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 316BAU11W       | 2CMA166702R1000 |            |                     |
| 3P+N+E              |  |           |            |                 |                 |            |                     |
| 5                   |  Grey   |           | AC         | 416BAU1W        | 2CMA166720R1000 | 1          | 0.21                |
|                     |  Green  | > 50 V~   | >300...500 | 416BAU2W        | 2CMA166706R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 416BAU3W        | 2CMA166708R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 416BAU4W        | 2CMA166710R1000 |            |                     |
|                     |  Red    | 346...415 |            | 416BAU6W        | 2CMA166712R1000 |            |                     |
|                     |  Black  | 480...500 |            | 416BAU7W        | 2CMA166714R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 416BAU9W        | 2CMA166716R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 416BAU11W       | 2CMA166718R1000 |            |                     |

- Delivered with flange gasket.



### Dimensions (mm)

| Type      | C    | D  | D2 | E3 | E4 | F  |
|-----------|------|----|----|----|----|----|
| 216BAU..W | 79.5 | 83 | 95 | 10 | 47 | 71 |
| 316BAU..W | 79.5 | 83 | 95 | 10 | 53 | 79 |
| 416BAU..W | 79.5 | 83 | 95 | 10 | 87 | 87 |

## Panel mounted socket inlets
























Angled flange



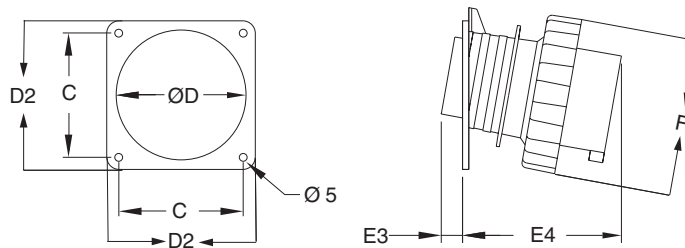
432BAU6W

### 32 A, IP67 Watertight

Plastic enclosure (PBT). Cable area 2.5-10 mm².

| Terminals/<br>Poles | Color<br>code  | Voltage   | Frequency  | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|-----------|------------|-----------|-----------------|------------|---------------------|
|                     |  | V         | Hz         |           |                 |            | pkg<br>(1pce)<br>kg |
| 2P+E                |  |           |            |           |                 |            |                     |
| 3                   |  Grey     |           | AC         | 232BAU1W  | 2CMA166636R1000 | 1          | 0.22                |
|                     |  Yellow   | 100...130 | 50 and 60  | 232BAU4W  | 2CMA166628R1000 |            |                     |
|                     |  Blue     | 200...250 |            | 232BAU6W  | 2CMA166630R1000 |            |                     |
|                     |  Red      | 380...415 |            | 232BAU9W  | 2CMA166632R1000 |            |                     |
|                     |  Grey     | transf    |            | 232BAU12W | 2CMA166634R1000 |            |                     |
| 3P+E                |  |           |            |           |                 |            |                     |
| 4                   |  Grey     |           | AC         | 332BAU1W  | 2CMA166656R1000 | 1          | 0.84                |
|                     |  Green    | > 50 V~   | >300...500 | 332BAU2W  | 2CMA166638R1000 |            |                     |
|                     |  Red      | 380/440   | 50/60      | 332BAU3W  | 2CMA166640R1000 |            |                     |
|                     |  Yellow   | 100...130 | 50 and 60  | 332BAU4W  | 2CMA166642R1000 |            |                     |
|                     |  Black  | 600...690 |            | 332BAU5W  | 2CMA166644R1000 |            |                     |
|                     |  Red    | 380...415 |            | 332BAU6W  | 2CMA166646R1000 |            |                     |
|                     |  Black  | 480...500 |            | 332BAU7W  | 2CMA166648R1000 |            |                     |
|                     |  Blue   | 200...250 |            | 332BAU9W  | 2CMA166650R1000 |            |                     |
|                     |  Green  | > 50 V~   | 100...300  | 332BAU10W | 2CMA166652R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 332BAU11W | 2CMA166654R1000 |            |                     |
| 3P+N+E              |  |           |            |           |                 |            |                     |
| 5                   |  Grey   |           | AC         | 432BAU1W  | 2CMA166672R1000 | 1          | 0.96                |
|                     |  Green  | > 50 V~   | >300...500 | 432BAU2W  | 2CMA166658R1000 |            |                     |
|                     |  Red    | 380/440   | 50/60      | 432BAU3W  | 2CMA166660R1000 |            |                     |
|                     |  Yellow | 100...130 | 50 and 60  | 432BAU4W  | 2CMA166662R1000 |            |                     |
|                     |  Red    | 346...415 |            | 432BAU6W  | 2CMA166664R1000 |            |                     |
|                     |  Black  | 480...500 |            | 432BAU7W  | 2CMA166666R1000 |            |                     |
|                     |  Blue   | 208...250 |            | 432BAU9W  | 2CMA166668R1000 |            |                     |
|                     |  Red    | 440...460 | 60         | 432BAU11W | 2CMA166670R1000 |            |                     |

- Delivered with flange gasket.



### Dimensions (mm)

| Type      | C    | D  | D2 | E3 | E4 | F   |
|-----------|------|----|----|----|----|-----|
| 232BAU..W | 79.5 | 83 | 95 | 12 | 60 | 94  |
| 332BAU..W | 79.5 | 83 | 95 | 12 | 60 | 94  |
| 432BAU..W | 79.5 | 83 | 95 | 12 | 67 | 101 |

## Industrial plugs and sockets

### Accessories



#### Plug blocker

Lockout/tagout for plugs and inlets. Can be used for any IEC 60309-1 and 60309-2 plug or inlet, both IP44 and IP67 products.

| To fit  | Order details  |                 | Pack qty |
|---|----------------|-----------------|----------|
|   | Type code      | Order code      | pc.      |
| Plugs 16 – 125A<br>Panel mounted inlets 16 – 125<br>Surface mounted inlets 16 – 125 A | CLF 16 – 125 * | 2CMA179237R1000 | 1        |

\*Indicates standard product.



#### Protective cover 16 – 125 A, IP44/67

Material in EPDM Rubber

| For inlet and plug           | Order details |                 | Pack qty |
|------------------------------|---------------|-----------------|----------|
|                              | Type code     | Order code      | pc.      |
| 16 A, 2P+E                   | GP216 *       | 2CMA164993R1000 | 1        |
| 16 A, 3P+E                   | GP316 *       | 2CMA164994R1000 | 1        |
| 16 A, 3P+N+E                 | GP416 *       | 2CMA164995R1000 | 1        |
| 32 A, 2P+E and 3P+E          | GP232/332 *   | 2CMA164996R1000 | 1        |
| 32A, 3P+N+E                  | GP432 *       | 2CMA164997R1000 | 1        |
| 63 A, 2P+E, 3P+E and 3P+N+E  | GP63 *        | 2CMA164998R1000 | 1        |
| 125 A, 2P+E, 3P+E and 3P+N+E | GP125 *       | 2CMA164999R1000 | 1        |

\*Indicates standard product.



#### Padlock unit

Padlock unit suitable for all plugs and sockets with handle. Shackle for up to 6 padlocks.

|                               | Order details |                 | Pack qty |
|-------------------------------|---------------|-----------------|----------|
|                               | Type code     | Order code      | pc.      |
| Plugs and sockets with handle | L6            | 2CMA144539R1000 | 10       |

\*Indicates standard product.



#### Blanking plug for 16 – 32 A, IP44

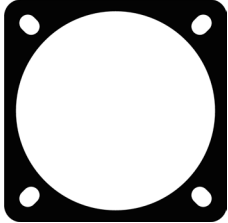
Material in Polyethylene

Metric M20 and M25

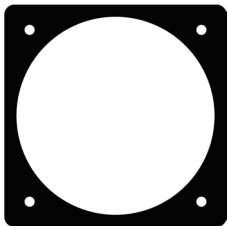
| For wall mounted sockets                        | Order details              |                 | Pack qty |
|---|----------------------------|-----------------|----------|
|   | Type code                  | Order code      | pc.      |
| For 16A RS and BS                               | Blanking plug M20X1,5 grey | 2CMA197686R1000 | 1        |
| For 32A RS and BS<br>For 16-32A MHS, MM and CUE | Blanking plug M25X1,5 grey | 2CMA197687R1000 | 1        |

## Industrial plugs and sockets

### Spare parts



Gasket BR3416



Gasket RAU1632

#### Gasket 16 – 125 A, IP44

Material in Chloroprene and Polyethylene  
Adhesive

| Suitable for Type, Amp, terminals         | Order details    |                 | Pack qty |
|---|------------------|-----------------|----------|
|   | Type code        | Order code      | pc.      |
| RAM 16 A, 2P+E                            | Gasket RM216*    | 2CMA170049R1000 | 1        |
| RAM 16 A, 2P+E and 3P+E                   | Gasket RM3416*   | 2CMA170050R1000 | 1        |
| RAM 32 A, 2P+E, 3P+E, 3P+N+E              | Gasket RM32*     | 2CMA170051R1000 | 1        |
| RAM 63 A, 2P+E, 3P+E, 3P+N+E              | Gasket 63A*      | 2CMA178036R1000 | 1        |
| RAM 125 A, 2P+E, 3P+E, 3P+N+E, for flange | Gasket RMF 125A* | 2CMA178203R1000 | 1        |
| RAM 125 A, 2P+E, 3P+E, 3P+N+E, for socket | Gasket RMS 125A* | 2CMA178207R1000 | 1        |
| R/B 16 A, 2P+E                            | Gasket BR216     | 2CMA193458R1000 | 1        |
| R/B 16 A, 3P+E, 3P+N+E                    | Gasket BR3416    | 2CMA193459R1000 | 1        |
| RU/BU 16-32 A, 2P+E, 3P+E, 3P+N+E         | Gasket BRU1632   | 2CMA193460R1000 | 1        |
| RAU 16 A, 2P+E                            | Gasket RA216     | 2CMA193461R1000 | 1        |
| RAU 16-32 A, 2P+E, 3P+E, 3P+N+E           | Gasket RAU1632   | 2CMA193463R1000 | 1        |

\* Indicates made of Chloroprene

# Modular Combi Plastic

The enclosure is in plastic. Modul Combi Plastic is designed for different types of single phase domestic outlets and for IEC outlets up to and including 63 A.

Operating voltage 230/400 V ~

Enclosure: Plastic (PBT Thermoplastic)

Dimensions: According to table

Outlets: Combi Plastic is designed for different types of single phase domestic outlets and for IEC outlets up to and including 63 A.

With or without mechanical interlocked IEC outlets.

Cable entry: 4 knock-outs at the top, suitable for 2xØ 40 mm and 2xØ 25 mm

At the bottom 3xØ 47 mm

Cable area: 2x16 mm<sup>2</sup> Cu. Designed for looping

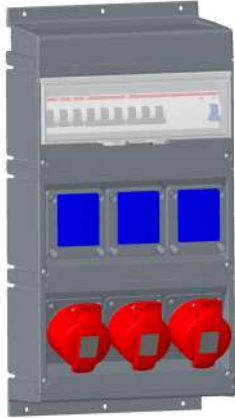
Covers: For MCB/RCD, maximum 13 modules, 2 opened and knock-outs for the rest of the modules row. DIN-rail in bottom for terminals and MCB/RCDs.

With a distance at the bottom to allow wiring behind the rail. The lid is pad lockable.



## Modular Combi

### Plastic 16 A



MPR16/3

#### IP44, Splashproof

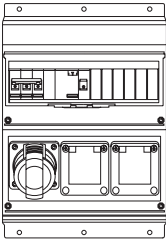
| MCB                        | RCD       | Switch | Schuko outlet | Outlet | Type               | Order Code      | Size |     |     | Weight pkg (1pce) |
|----------------------------|-----------|--------|---------------|--------|--------------------|-----------------|------|-----|-----|-------------------|
|                            |           |        | 10/16 A       | IEC    |                    |                 | W    | H   | D   |                   |
| 1xS203 M C16               | 25 A/0.03 | -      | 2 single      | 1x416  | MPR16              | 2CMA168997R1000 | 250  | 300 | 160 | 3.1               |
| 3xS201 C16<br>2xS203 M C16 | 40 A/0.03 | -      | 3 single      | 3x416  | MPR16/3            | 2CMA168995R1000 | 250  | 430 | 160 | 3.4               |
| 1xS203 M C16               | 25 A/0.03 | -      | 2 single      | 1x416  | MPR16B *           | 2CMA101631R1000 | 250  | 300 | 160 | 3.1               |
| 1xS203 M C16               | 25 A/0.03 | -      | 2 single      | 1x416  | MPR16 BS Grey **   | 2CMA101651R1000 | 250  | 300 | 160 | 3.1               |
| 1xS203 M C16               | 25 A/0.03 | -      | 2 single      | 1x416  | MPR16B BS Black ** | 2CMA101655R1000 | 250  | 300 | 160 | 3.1               |

\* Black enclosure

\*\* Domesti outlet with British standard

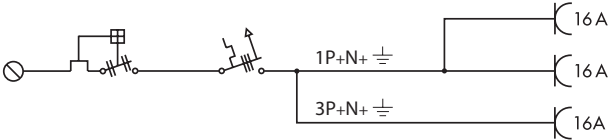
Modular Combi  
Plastic 16 A

MPR16

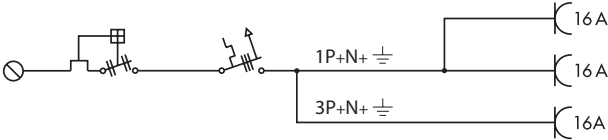
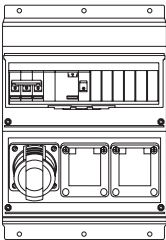


Front view

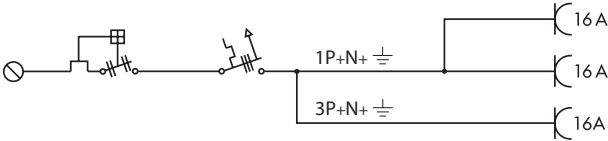
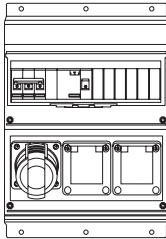
Wiring diagram



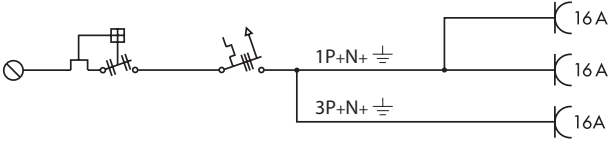
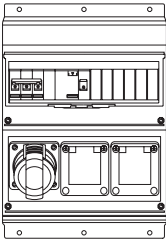
MPR16B



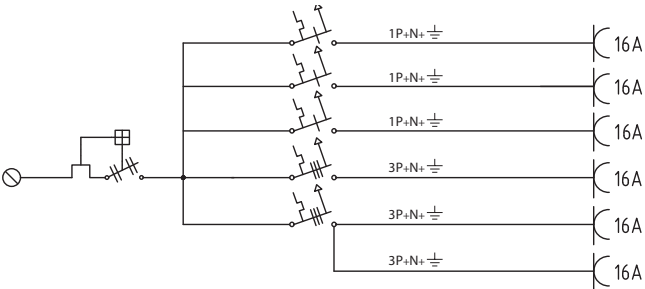
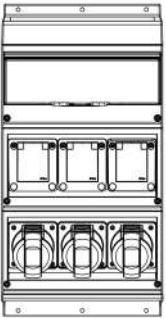
MPR16 BS Grey



MPR16B BS Black

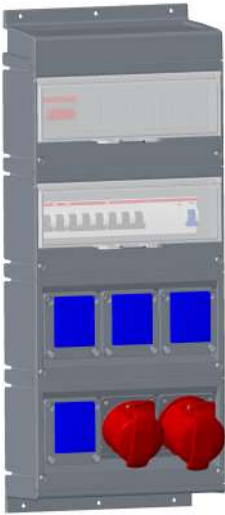


MPR16/3





Modular Combi  
Plastic 32 A



IP44, Splashproof

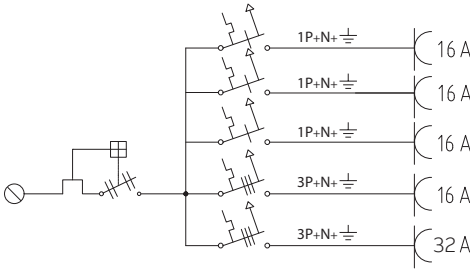
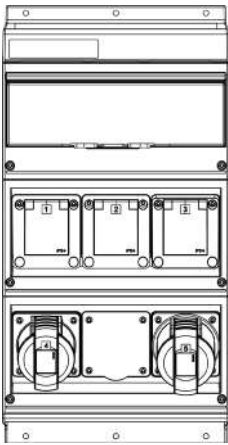
| MCB   | RCD       | Switch   | Schuko outlet<br>10/16 A | Outlet<br>IEC  | Type      | Order Code      | Size |     |     | Weight<br>pkg<br>(1pce)<br>kg |
|---|-----------|----------|--------------------------|----------------|-----------|-----------------|------|-----|-----|-------------------------------|
|   |           |          |                          |                |           |                 | W    | H   | D   |                               |
| 3xS201 C16<br>1xMCB<br>S203-C16<br>1xMCB<br>S203-C32        | 63 A/0.03 | -        | 3 single                 | 1x416<br>1x432 | MPR32/1   | 2CMA106211R1000 | 250  | 430 | 160 | 4.3                           |
| 2xMCB<br>S201-C16<br>1xMCB<br>S203-C16<br>1xMCB<br>S203-C32 | 63 A/0.03 | OT80F3/B | 4 single                 | 1x416<br>1x432 | MPR32/1MS | 2CMA168984R1000 | 250  | 560 | 160 | 4.8                           |

MPR32/1MS

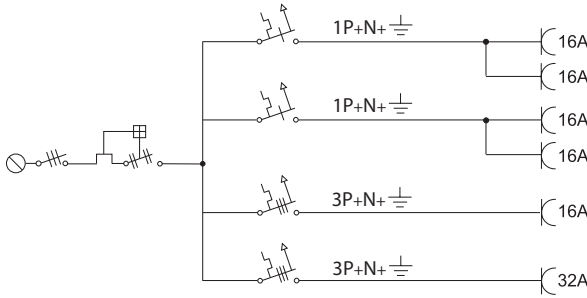
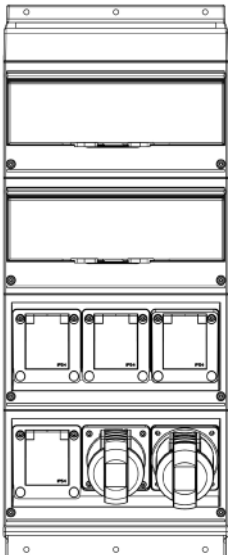
Front view

Wiring diagram

MPR32/1

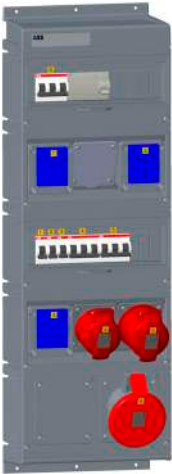


MPR32/1MS



Modular Combi

Plastic

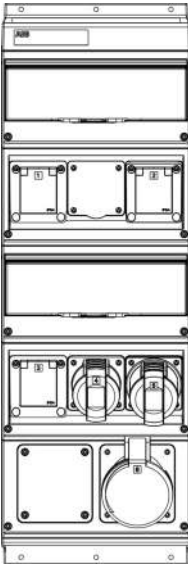


MPR63PRO

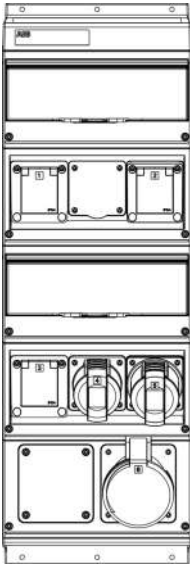
IP44, Splashproof  
Housing in plastic (PBT)

| MCB        | RCD       | Switch | Schuko outlet | Outlet | Type         | Order Code      | Size |     |     | Weight pkg (1pce) |
|------------|-----------|--------|---------------|--------|--------------|-----------------|------|-----|-----|-------------------|
|            |           |        | 10/16 A       | IEC    |              |                 | W    | H   | D   |                   |
| 3xS201-C16 | 40 A/0.03 |        | 3 single      | 1x416  | MPR63PRO     | 2CMA101808R1000 | 250  | 750 | 165 | 4.0               |
| 1xS203-C16 |           |        |               | 1x432  |              |                 |      |     |     |                   |
| 1xS203-C32 |           |        |               | 1x463  |              |                 |      |     |     |                   |
| 1xS203-C63 |           |        |               |        |              |                 |      |     |     |                   |
| 3xS201-C16 | 63 A/0.03 |        | 3 single      | 1x416  | MPR63/1PRO   | 2CMA101809R1000 | 250  | 750 | 165 | 5.4               |
| 1xS203-C16 |           |        |               | 1x432  |              |                 |      |     |     |                   |
| 1xS203-C32 |           |        |               | 1x463  |              |                 |      |     |     |                   |
| 1xS203-C63 |           |        |               |        |              |                 |      |     |     |                   |
| 3xS201-C16 | 63 A/0.03 | OT80F3 | 3 single      | 1x416  | MPR63/1MSPRO | 2CMA101810R1000 | 250  | 750 | 165 | 5.7               |
| 1xS203-C16 |           |        |               | 1x432  |              |                 |      |     |     |                   |
| 1xS203-C32 |           |        |               | 1x463  |              |                 |      |     |     |                   |
| 1xS203-C63 |           |        |               |        |              |                 |      |     |     |                   |

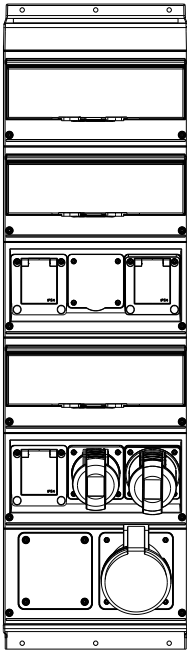
Front view



MPR63PRO

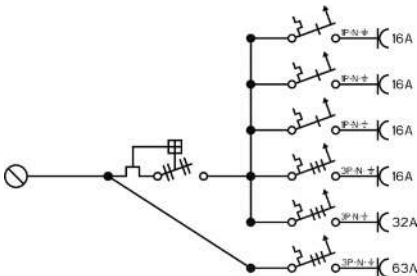


MPR63/1PRO

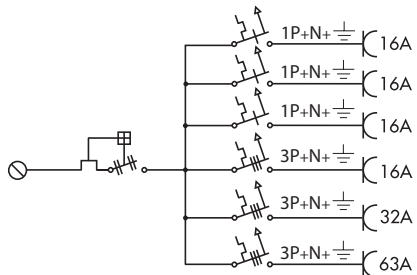


MPR63/1MSPRO

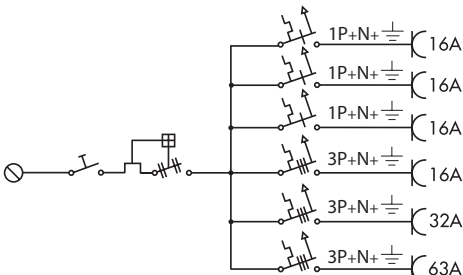
Wiring diagrams



MPR63PRO



MPR63/1PRO



MPR63/1MSPRO

# Modular Combi Metal

The enclosure is in aluminium with front plates of galvanised steel. Modul Combi Metal is designed for different types of single phase domestic outlets and for IEC outlets up to and including 63 A.

Operating voltage 230/400 V~

Enclosure: Aluminium with front plates of galvanised steel.

Dimensions: According to table or customer order

Outlets: Combi Metal is designed for different types of single phase domestic outlets and for IEC outlets up to and including 63 A.  
With or without mechanical interlocked IEC outlets.

Cable entry: FL21 flange openings at top and bottom

Cable area: 2x16 mm<sup>2</sup> Cu. Designed for looping

Covers: For MCB/RCD, maximum 12 modules. DIN-rail in bottom for terminals and MCB/RCDs.  
With a distance at the bottom to allow wiring behind the rail. The lid is pad lockable.



Modular Combi  
Metal



M63/2 JFB CTFL

**IP44, Splashproof**  
Housing in Aluminium with front plates of galvanised steel

Cable entry Alt 1: FL21 flange openings at top and bottom  
Cable entry Alt 2: Covered top and rubber multi gland down (CTFL)

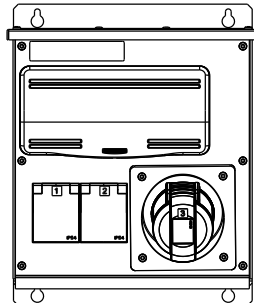
| MCB  | RCD       | Switch | Schuko outlet<br>10/16 A | Outlet IEC              | Type              | Order Code      | Size |     |     | Weight pkg (1pce)<br>kg |
|--|-----------|--------|--------------------------|-------------------------|-------------------|-----------------|------|-----|-----|-------------------------|
|  |           |        |                          |                         |                   |                 | W    | H   | D   |                         |
| 2xS201-C10<br>1xS203-C16                             | 25 A/0.03 |        | 2 single                 | 1x416                   | M16/2 JFB         | 2CMA179349R1000 | 250  | 314 | 172 | 4.55                    |
| 2xS201-C10<br>1xS203-C16                             | 25 A/0.03 |        | 2 single                 | 1x416                   | M16/2 JFB<br>CTFL | 2CMA100020R1000 | 250  | 314 | 172 | 4.55                    |
| 4xS201-C10<br>1xS203-C16<br>1xS203-C32               | 63 A/0.03 |        | 4 single                 | 1x416<br>1x432          | M32/2 JFB         | 2CMA179351R1000 | 250  | 574 | 179 | 7.35                    |
| 4xS201-C10<br>1xS203-C16<br>1xS203-C32               | 63 A/0.03 |        | 4 single                 | 1x416<br>1x432          | M32/2 JFB<br>CTFL | 2CMA100022R1000 | 250  | 574 | 179 | 7.35                    |
| 3xS201-C10<br>1xS203-C16<br>1xS203-C32<br>1xS203-C63 | 63 A/0.03 |        | 4 single                 | 1x416<br>1x432<br>1x463 | M63/2 JFB<br>CTFL | 2CMA100024R1000 | 250  | 704 | 188 | 9.55                    |
| 3xS201-C10<br>1xS203-C16<br>1xS203-C32<br>1xS203-C63 | 63 A/0.03 |        | 4 single                 | 1x416<br>1x432<br>1x463 | M63/2 JFB         | 2CMA179353R1000 | 250  | 704 | 188 | 9.55                    |

CTFL = Covered top and FL21 with multiflange down

## Modular Combi

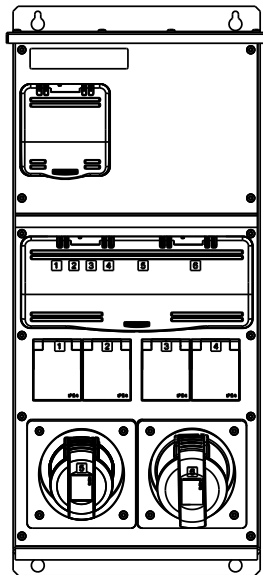
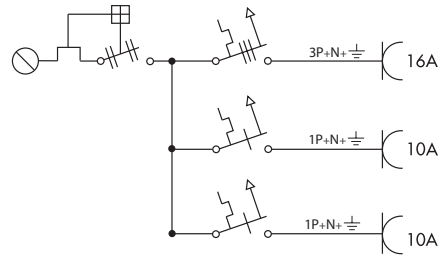
### Metal

Front view

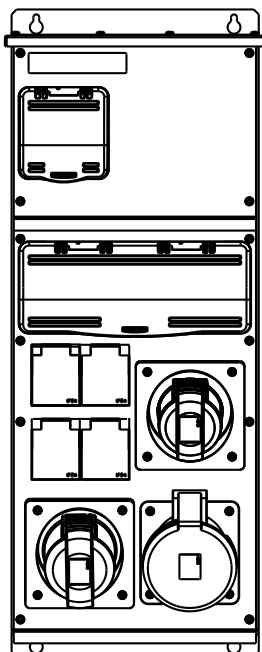
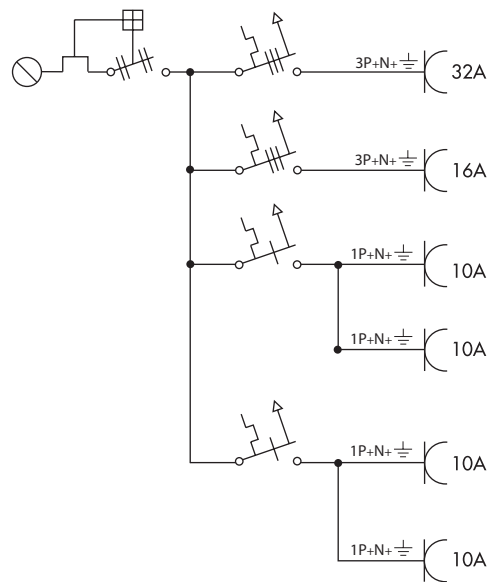


**M16/2JFB**  
**M16/2 JFB CTFL**

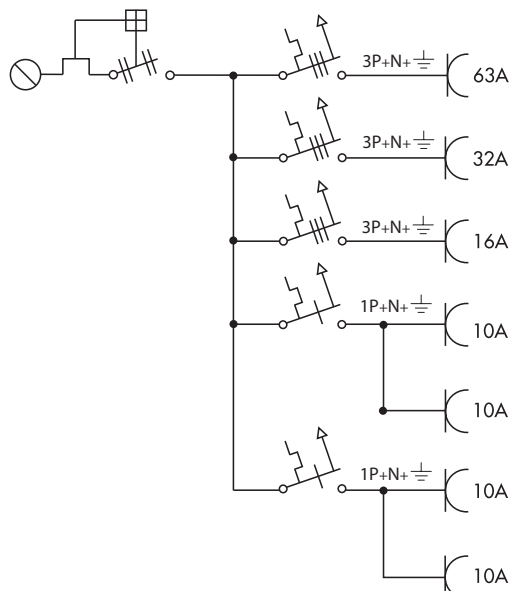
Wiring diagram



**M32/2JFB**  
**M32/2 JFB CTFL**



**M63/2JFB**  
**M63/2 JFB CTFL**



# Modular Combi Parts

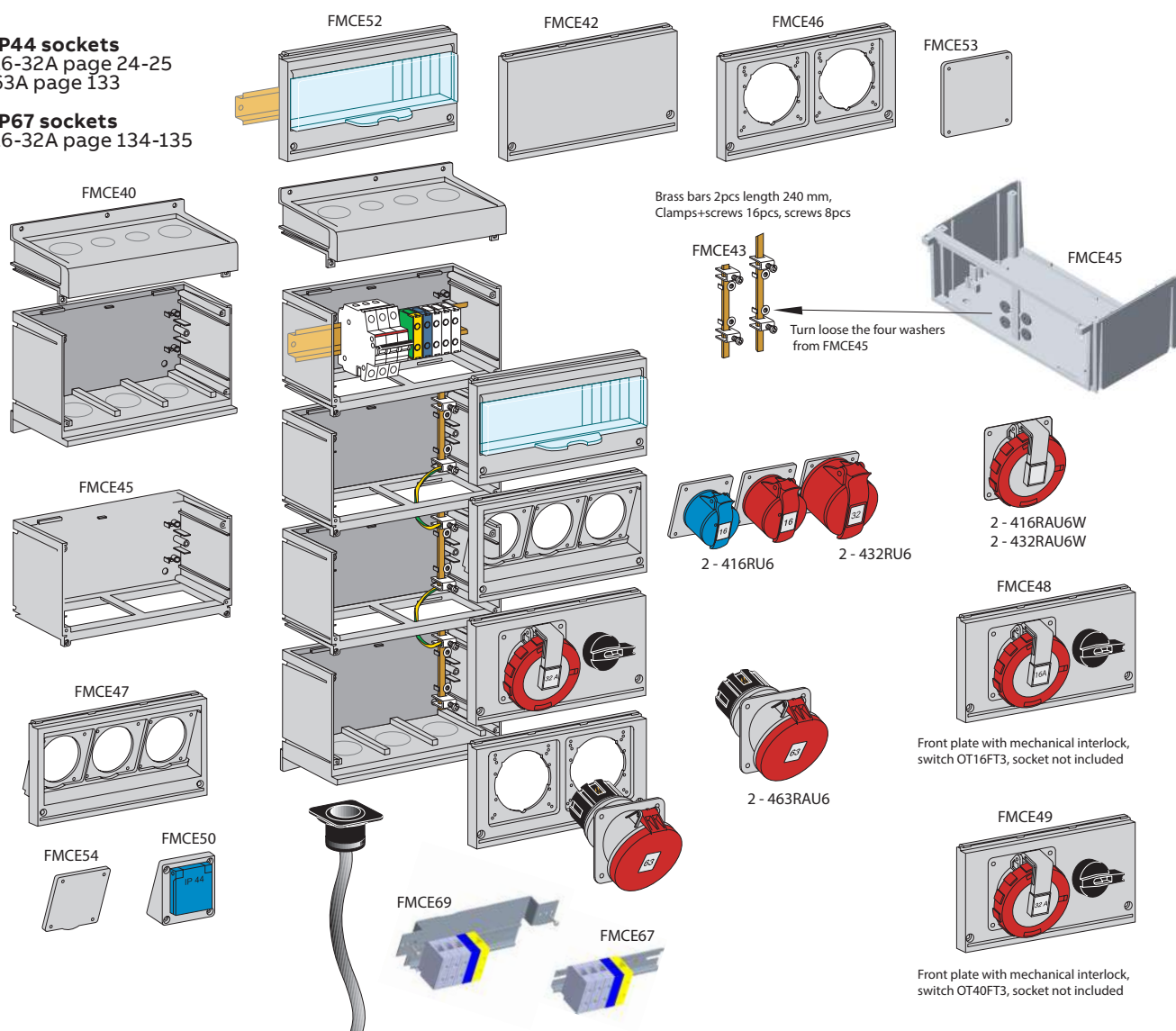
Here you can design your installation solution in IP44

Modular combi parts are Easy to assemble and install. It is a flexible and time efficient choice for special applications. Modular combi parts can be assembled to a height of 2 meters and there is a possibility to build on the width by looping if required. Din rail are suitable for 13 modules with a lot of space for your socket outlets protection. There are a large number of socket outlets to

choose from our Easy & Safe and Tough & Safe Range depending on which IP degree and material that is required. There is also a possibility to have switched interlocked socket outlet to maximize personal safety. Assembled enclosure is tested and fulfills IP44 protection degree and can handle Socket outlets up to 63A. Enclosure parts in plastic PBT.

**IP44 sockets**  
16-32A page 24-25  
63A page 133

**IP67 sockets**  
16-32A page 134-135



## Modular Combi parts

Top, bottom and middle section. Front and cover plates, cable flange and N/E terminal



Top section FMCE40



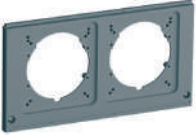
Bottom section FMCE40



FMCE45



FMCE47



FMCE46



FMCE52



FMCE50



FMCE41



FMCE54



FMCE53



FMCE42



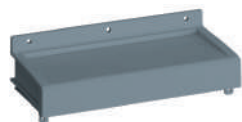
FMCE43

### Parts in plastic (PBT)

| Description   | Type   | Order Code      | Pkg qty | Weight pkg (1pce) kg |
|---|--------|-----------------|---------|----------------------|
| <b>Top and bottom section</b>   |        |                 |         |                      |
| Top (2x40 mm and 2x25 mm) and bottom (3x47 mm) section incl. screws. Suitable for MP..., MPR... | FMCE40 | 2CMA191077R1000 | 1 pce   | 0.2kg                |
| <b>Middle section</b>   |        |                 |         |                      |
| Middle section incl. screws. Suitable for MP..., MPR...   | FMCE45 | 2CMA191082R1000 | 1 pce   | 0.25kg               |
| <b>Front plate for 16-32 A outlet</b>   |        |                 |         |                      |
| Front plate suitable for three 16-32 A outlets incl. screws. Suitable for RU and FMCE50         | FMCE47 | 2CMA191084R1000 | 1 pce   | 0.5kg                |
| <b>Front plate for 63 A outlet</b>  |        |                 |         |                      |
| Front plate suitable for two 63 A outlets incl. screws  | FMCE46 | 2CMA191083R1000 | 1 pce   | 0.5kg                |
| <b>Front plate with mechanical interlock</b>  |        |                 |         |                      |
| Front plate with mechanical interlock, switch OT16FT3, socket not included                      | FMCE48 | 2CMA191085R1000 | 1 pce   | 0.5kg                |
| <b>Front plate with mechanical interlock</b>  |        |                 |         |                      |
| Front plate with mechanical interlock, switch OT40FT3, socket not included                      | FMCE49 | 2CMA191086R1000 | 1 pce   | 0.5kg                |
| <b>Front plate with lid and DIN rail</b>  |        |                 |         |                      |
| Front with lid and DIN rail L=241 mm  | FMCE52 | 2CMA191089R1000 | 1 pce   | 0.1kg                |
| <b>Front plate with schuko</b>  |        |                 |         |                      |
| Front plate with schuko outlet 10/16 A, incl. screws. Suitable for FMCE47                       | FMCE50 | 2CMA191087R1000 | 1 pce   | 0.2kg                |
| <b>Cover plate for 16-32 A</b>  |        |                 |         |                      |
| Cover plate suitable for 16-32 A incl. screws   | FMCE54 | 2CMA191091R1000 | 1 pce   | 0.1kg                |
| <b>Cover plate for 63 A</b>   |        |                 |         |                      |
| Cover plate suitable for 63 A incl. screws  | FMCE53 | 2CMA191090R1000 | 1 pce   | 0.1kg                |
| <b>Cover plate</b>  |        |                 |         |                      |
| Cover plate incl. screws  | FMCE42 | 2CMA191079R1000 | 1 pce   | 0.5kg                |
| <b>Cable flange</b>   |        |                 |         |                      |
| Hose clamp, cable tightening, flange incl. screws   | FMCE41 | 2CMA170188R1000 | 1 pce   | 0.25kg               |
| <b>N/E terminal</b>   |        |                 |         |                      |
| N/E terminal 16 mm <sup>2</sup> , brass bar = 240 mm  | FMCE43 | 2CMA191080R1000 | 1 pce   | 0.19kg               |
| <b>DIN-Rail</b>   |        |                 |         |                      |
| DIN-Rail L=241 mm + screws + 5x35 mm <sup>2</sup> terminal block                                | FMCE67 | 2CMA191103R1000 | 1 pce   | 0.3kg                |
| <b>Flange</b>   |        |                 |         |                      |
| Flange for domestic socket, incl. screws  | FMCE70 | 2CMA105989R1000 | 1 pce   | 0.2kg                |
| <b>DIN-Rail</b>   |        |                 |         |                      |
| DIN-Rail L=241 mm, incl. screws   | FMCE71 | 2CMA105990R1000 | 1 pce   | 0.1kg                |
| <b>DIN-Rail</b>   |        |                 |         |                      |
| Lowered DIN-Rail, incl. screws  | FMCE72 | 2CMA105991R1000 | 1 pce   | 0.3kg                |

## Multi-pack Modular Combi

Top, bottom and middle section. Front and cover plates, cable flange and N/E terminal



Top section FMCE400



Bottom section FMCE400



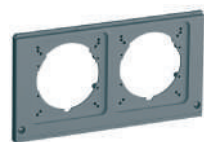
FMCE420



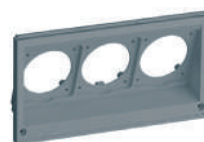
FMCE430



FMCE450



FMCE460



FMCE470



FMCE500



FMCE54



FMCE53

### Parts in plastic (PBT)

| Description  | Type    | Order Code      | Pkg qty   |
|--|---------|-----------------|-----------|
| <b>Top section knock outs</b>  |         |                 |           |
| <b>Bottom section knock outs</b>   |         |                 |           |
| (2x Ø 40,5 mm and 2x Ø 25,5 mm)<br>(2x Ø 40,5 mm and 1x Ø 47,5 mm)<br>screws incl. and instruction   | FMCE400 | 2CMA106004R1000 | 5         |
| <b>Hose clamp</b>  |         |                 |           |
| cable tightening, flange,<br>C-nuts, screws incl.  | FMCE410 | 2CMA106005R1000 | 10        |
| <b>Cover plate</b>   |         |                 |           |
| screws incl.   | FMCE420 | 2CMA106006R1000 | 10        |
| <b>N/E terminals 16 mm<sup>2</sup></b>   |         |                 |           |
| Brass bars 2pcs length 240 mm,<br>Clamps 16pcs, screws 8pcs  | FMCE430 | 2CMA106007R1000 | 10        |
| <b>Middle section</b>  |         |                 |           |
| screws incl.   | FMCE450 | 2CMA106008R1000 | 10        |
| <b>Front plate</b>   |         |                 |           |
| suitable for two 63 A outlets<br>screws incl.  | FMCE460 | 2CMA106009R1000 | 10        |
| <b>Front plate</b>   |         |                 |           |
| suitable for three 16-32 A outlets<br>screws incl.   | FMCE470 | 2CMA106010R1000 | 10        |
| <b>Flange</b>  |         |                 |           |
| with Schuko outlet 10/16 A,<br>screws incl.  | FMCE500 | 2CMA106011R1000 | 10        |
| <b>Front</b>   |         |                 |           |
| with lid (13 DIN modules wide),<br>DIN-rail, screws incl.  | FMCE520 | 2CMA106012R1000 | 10        |
| <b>Cover flange 63</b>   |         |                 |           |
| screws incl.   | FMCE530 | 2CMA106013R1000 | 10        |
| <b>Cover flange 16/32</b>  |         |                 |           |
| screws incl.   | FMCE540 | 2CMA106014R1000 | 10        |
| <b>Flanges for Domestic socket</b>   |         |                 |           |
| screws incl.   | FMCE700 | 2CMA106016R1000 | 10        |
| <b>DIN Rail 241 mm</b>   |         |                 |           |
| screws incl.   | FMCE710 | 2CMA106017R1000 | 10        |
| <b>Lowered DIN-rail</b>  |         |                 |           |
| screws incl.   | FMCE720 | 2CMA106015R1000 | 10        |
| Screw STS T40*16 FZB<br>Screw TS KN1039<br>Screw RTK 3,5X13<br>Screw STS T40x20, PT 30* DELG L=20 MM | FMCE730 | 2CMA106018R1000 | 4x100 pcs |



## Black Modular Combi

Top, bottom and middle section. Front and cover plates, cable flange and N/E terminal



Top section FMCE40B



Bottom section FMCE40B



FMCE42B



FMCE45B



FMCE47B



FMCE54B

### Parts in plastic (PBT)

| Description  | Type    | Order Code      | Pkg<br>qty |
|--|---------|-----------------|------------|
| <b>Top section knock outs</b>  |         |                 |            |
| <b>Bottom section knock outs</b>   |         |                 |            |
| (2x Ø 40,5 mm and 2x Ø 25,5 mm)<br>(2x Ø 40,5 mm and 1x Ø 47,5 mm)<br>screws incl. and instruction | FMCE40B | 2CMA105995R1000 | Qty 1      |
| <b>Cover plate</b>   |         |                 |            |
| screws incl.   | FMCE42B | 2CMA105996R1000 | Qty 1      |
| <b>Middle section</b>  |         |                 |            |
| screws incl.   | FMCE45B | 2CMA105997R1000 | Qty 1      |
| <b>Front plate</b>   |         |                 |            |
| suitable for three 16-32 A outlets<br>screws incl.   | FMCE47B | 2CMA105998R1000 | Qty 1      |
| <b>Flange with Schuko outlet 10/16 A</b>   |         |                 |            |
| screws incl.   | FMCE50B | 2CMA105999R1000 | Qty 1      |
| <b>Front with lid (13 DIN modules wide)</b>  |         |                 |            |
| DIN-rail, screws incl.   | FMCE52B | 2CMA106001R1000 | Qty 1      |
| <b>Cover flange 16/32</b>  |         |                 |            |
| screws incl.   | FMCE54B | 2CMA106002R1000 | Qty 1      |
| <b>Flanges for Domestic socket</b>   |         |                 |            |
| screws incl.   | FMCE70B | 2CMA106000R1000 | Qty 1      |

# Industrial plugs and sockets

## Extra low voltage

### Plugs



Type PLV...  
16 A...32 A, IP44



Type PLV...W  
16 A...32 A, IP67

### Connectors



Type CLV...  
16 A...32 A, IP44



Type CLV...W  
16 A...32 A, IP67

### Socket outlet



For panel mounting with straight  
flange, Type RLV...  
16 A...32 A, IP44



For surface mounting, Type BSLV...  
16 A...32 A, IP44



For surface mounting, Type RSLV...  
16 A...32 A, IP44



# Industrial plugs and sockets

## Extra low voltage

Our extra low voltage range offers Industrial plugs & sockets for protection in areas with a high risk like swimming pools, wandering-lead hand lamps, and other portable appliances for outdoor use. Therefore our range includes products of IP44 and IP67.

Our range of Industrial plugs and sockets for extra low voltage covers voltages up to 50V AC or DC and fulfills IEC 60309.

Extra low voltage is one way to protect from electrical shock. Extra-low voltage is used where the risks are high: swimming pools, wandering-lead hand lamps, and other portable appliances for outdoor use, etc.

The plugs and sockets are intended for an operating voltage not exceeding 50 V. Their rated voltage is 24 V and 50 V for 16 A and 32 A.

### Standards

The products are designed according to the following standards: IEC 60 309-1, 60 309-2.

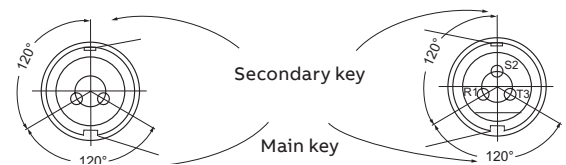
### Connections

Screw type terminals.

### Non-interchangeability

To achieve non-interchangeability, the plugs and sockets have a main key and a secondary key. The position of the secondary key is indicated by a number followed by a letter h (the hour position or o'clock position). The number is determined by the position of the secondary key relative to the main key, the position of which is defined as 6 o'clock. Non hour position is given for 20-25 V, 50-60 Hz, since there is no secondary key on these plugs and sockets.

The width of the key is different for 16 A and 32 A plugs and sockets. In addition, there is a color coding system: the cover or front part is violet on 20-25 V and white on 40-50 V plugs and sockets. Plugs and sockets for direct current are grey.



Positions and connections of the contact

Table according to IEC 60309-2  
Plugs and sockets for max. 50 V.

| Terminals/<br>Poles | Color<br>code | Voltage<br>V | Frequency<br>Hz | Position of<br>secondary<br>key <sup>1)</sup> |
|---------------------|---------------|--------------|-----------------|---|
| 2                   | Violet        | 20-25        | 50-60           | (none)  |
|                     | White         | 40-50        | 50-60           | 12 h  |
|                     | Green         | 20-25        | 100-200         | 4 h   |
|                     |               | and          | 300             | 2 h   |
|                     |               | 40-50        | 400             | 3 h   |
|                     |               |              | >400-500        | 11 h  |
| 3                   | Grey          |              | DC              | 10 h  |
|                     | Violet        | 20-25        | 50-60           | (none)  |
|                     | White         | 40-50        | 50-60           | 12 h  |
|                     | Green         | 20-25        | 100-200         | 4 h   |
|                     |               | and          | 300             | 2 h   |
|                     |               | 40-50        | 400             | 3 h   |
|                     |               |              | >400-500        | 11 h  |

1) The position of main key is defined as 6h (6 o'clock)

## Plugs







For extra low voltage



PLV216







### 16 A. IP44. Splashproof

Housing in plastic (PA). Cable entry with compression gland.

| Terminals/<br>Poles | Color<br>code  | Voltage      | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|--------------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V            | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2                   |  Violet | 20...25 AC   | 50 and 60 | PLV216    | 2CMA100877R1000 | 10         | 0.142               |
|                     |  Grey   | 25 and 50 DC | -         | PLV216-10 | 2CMA100879R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | PLV216-12 | 2CMA100878R1000 |            |                     |
| 3                   |  Violet | 20...25 AC   | 50 and 60 | PLV316    | 2CMA100888R1000 | 10         | 0.160               |
|                     |  Green  | 25 and 50 DC | 100...200 | PLV316-4  | 2CMA100882R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | PLV316-12 | 2CMA100881R1000 |            |                     |

### 32 A. IP44. Splashproof

Housing in plastic (PA). Cable entry with compression gland.







|   |  |              |           |           |                 |    |       |
|---|--|--------------|-----------|-----------|-----------------|----|-------|
| 2 |  Violet   | 20...25 AC   | 50 and 60 | PLV232    | 2CMA100883R1000 | 10 | 0.142 |
|   |  Grey    | 25 and 50 DC | -         | PLV232-10 | 2CMA100885R1000 |    |       |
|   |  White  | 40...50 AC   | 50 and 60 | PLV232-12 | 2CMA100884R1000 |    |       |
| 3 |  Violet | 20...25 AC   | 50 and 60 | PLV332    | 2CMA100886R1000 | 10 | 0.160 |
|   |  Green  | 25 and 50 DC | 100...200 | PLV332-4  | 2CMA100888R1000 |    |       |
|   |  White  | 40...50 AC   | 50 and 60 | PLV332-12 | 2CMA100887R1000 |    |       |



PLV216W

### 16 A. IP67. Watertight

Housing in plastic (PA). Cable entry with compression gland.

| Terminals/<br>Poles | Color<br>code  | Voltage      | Frequency | Type       | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|--------------|-----------|------------|-----------------|------------|---------------------|
|                     |  | V            | Hz        |            |                 |            | pkg<br>(1pce)<br>kg |
| 2                   |  Violet | 20...25 AC   | 50 and 60 | PLV216W    | 2CMA100889R1000 | 10         | 0.164               |
|                     |  Grey   | 25 and 50 DC | -         | PLV216-10W | 2CMA100891R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | PLV216-12W | 2CMA100890R1000 |            |                     |
| 3                   |  Violet | 20...25 AC   | 50 and 60 | PLV316W    | 2CMA100892R1000 | 10         | 0.182               |
|                     |  Green  | 25 and 50 DC | 100...200 | PLV316-4W  | 2CMA100894R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | PLV316-12W | 2CMA100893R1000 |            |                     |

### 32 A. IP67. Watertight

Housing in plastic (PA). Cable entry with compression gland.

|   |  |              |           |            |                 |    |       |
|---|--|--------------|-----------|------------|-----------------|----|-------|
| 2 |  Violet | 20...25 AC   | 50 and 60 | PLV232W    | 2CMA100895R1000 | 10 | 0.164 |
|   |  Grey   | 25 and 50 DC | -         | PLV232-10W | 2CMA100897R1000 |    |       |
|   |  White  | 40...50 AC   | 50 and 60 | PLV232-12W | 2CMA100896R1000 |    |       |
| 3 |  Violet | 20...25 AC   | 50 and 60 | PLV332W    | 2CMA100898R1000 | 10 | 0.182 |
|   |  Green  | 25 and 50 DC | 100...200 | PLV332-4W  | 2CMA100900R1000 |    |       |
|   |  White  | 40...50 AC   | 50 and 60 | PLV332-12W | 2CMA100899R1000 |    |       |

## Connectors

For extra low voltage



CLV216

### 16 A. IP44. Splashproof

Housing in plastic (PA). Cable entry with compression gland.

| Terminals/<br>Poles | Color<br>code | Voltage      | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---------------|--------------|-----------|-----------|-----------------|------------|---------------------|
|                     |               | V            | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2                   | ■ Violet      | 20...25 AC   | 50 and 60 | CLV216    | 2CMA100901R1000 | 10         | 0.177               |
|                     | ■ Grey        | 25 and 50 DC | -         | CLV216-10 | 2CMA100903R1000 |            |                     |
|                     | □ White       | 40...50 AC   | 50 and 60 | CLV216-12 | 2CMA100902R1000 |            |                     |
| 3                   | ■ Violet      | 20...25 AC   | 50 and 60 | CLV316    | 2CMA100904R1000 | 10         | 0.198               |
|                     | ■ Green       | 25 and 50 DC | 100...200 | CLV316-4  | 2CMA100906R1000 |            |                     |
|                     | □ White       | 40...50 AC   | 50 and 60 | CLV316-12 | 2CMA100905R1000 |            |                     |

### 32 A. IP44. Splashproof

Housing in plastic (PA). Cable entry with compression gland.

|   |          |              |           |           |                 |    |       |
|---|----------|--------------|-----------|-----------|-----------------|----|-------|
| 2 | ■ Violet | 20...25 AC   | 50 and 60 | CLV232    | 2CMA100907R1000 | 10 | 0.178 |
|   | ■ Grey   | 25 and 50 DC | -         | CLV232-10 | 2CMA100909R1000 |    |       |
|   | □ White  | 40...50 AC   | 50 and 60 | CLV232-12 | 2CMA100908R1000 |    |       |
| 3 | ■ Violet | 20...25 AC   | 50 and 60 | CLV332    | 2CMA100910R1000 | 10 | 0.198 |
|   | ■ Green  | 25 and 50 DC | 100...200 | CLV332-4  | 2CMA100912R1000 |    |       |
|   | □ White  | 40...50 AC   | 50 and 60 | CLV332-12 | 2CMA100911R1000 |    |       |



CLV216W

### 16 A. IP67. Watertight

Housing in plastic (PA). Cable entry with compression gland.

| Terminals/<br>Poles | Color<br>code | Voltage      | Frequency | Type       | Order Code      | Pkg<br>qty | Weight              |
|---------------------|---------------|--------------|-----------|------------|-----------------|------------|---------------------|
|                     |               | V            | Hz        |            |                 |            | pkg<br>(1pce)<br>kg |
| 2                   | ■ Violet      | 20...25 AC   | 50 and 60 | CLV216W    | 2CMA100913R1000 | 10         | 0.199               |
|                     | ■ Grey        | 25 and 50 DC | -         | CLV216-10W | 2CMA100915R1000 |            |                     |
|                     | □ White       | 40...50 AC   | 50 and 60 | CLV216-12W | 2CMA100914R1000 |            |                     |
| 3                   | ■ Violet      | 20...25 AC   | 50 and 60 | CLV316W    | 2CMA100916R1000 | 10         | 0.219               |
|                     | ■ Green       | 25 and 50 DC | 100...200 | CLV316-4W  | 2CMA100918R1000 |            |                     |
|                     | □ White       | 40...50 AC   | 50 and 60 | CLV316-12W | 2CMA100917R1000 |            |                     |

### 32 A. IP67. Watertight

Housing in plastic (PA). Cable entry with compression gland.

|   |          |              |           |            |                 |    |       |
|---|----------|--------------|-----------|------------|-----------------|----|-------|
| 2 | ■ Violet | 20...25 AC   | 50 and 60 | CLV232W    | 2CMA100919R1000 | 10 | 0.199 |
|   | ■ Grey   | 25 and 50 DC | -         | CLV232-10W | 2CMA100921R1000 |    |       |
|   | □ White  | 40...50 AC   | 50 and 60 | CLV232-12W | 2CMA100920R1000 |    |       |
| 3 | ■ Violet | 20...25 AC   | 50 and 60 | CLV332W    | 2CMA100922R1000 | 10 | 0.219 |
|   | ■ Green  | 25 and 50 DC | 100...200 | CLV332-4W  | 2CMA100924R1000 |    |       |
|   | □ White  | 40...50 AC   | 50 and 60 | CLV332-12W | 2CMA100923R1000 |    |       |









## Socket outlets

For extra low voltage









RLV216

**For panel mounting with straight flange. 16 A. IP44. Splashproof**  
Housing in plastic (PA).

| Terminals/<br>Poles | Color<br>code  | Voltage      | Frequency | Type      | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|--------------|-----------|-----------|-----------------|------------|---------------------|
|                     |  | V            | Hz        |           |                 |            | pkg<br>(1pce)<br>kg |
| 2                   |  Violet | 20...25 AC   | 50 and 60 | RLV216    | 2CMA100973R1000 | 10         | 0.099               |
|                     |  Grey   | 25 and 50 DC | -         | RLV216-10 | 2CMA100975R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | RLV216-12 | 2CMA100974R1000 |            |                     |
| 3                   |  Violet | 20...25 AC   | 50 and 60 | RLV316    | 2CMA100976R1000 | 10         | 0.114               |
|                     |  Green  | 25 and 50 DC | 100...200 | RLV316-4  | 2CMA100978R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | RLV316-12 | 2CMA100977R1000 |            |                     |







**For panel mounting with straight flange. 32 A. IP44. Splashproof**  
Housing in plastic (PA).

|   |  |              |           |           |                 |    |       |
|---|--|--------------|-----------|-----------|-----------------|----|-------|
| 2 |  Violet   | 20...25 AC   | 50 and 60 | RLV232    | 2CMA100979R1000 | 10 | 0.099 |
|   |  Grey    | 25 and 50 DC | -         | RLV232-10 | 2CMA100981R1000 |    |       |
|   |  White  | 40...50 AC   | 50 and 60 | RLV232-12 | 2CMA100980R1000 |    |       |
| 3 |  Violet | 20...25 AC   | 50 and 60 | RLV332    | 2CMA100982R1000 | 10 | 0.114 |
|   |  Green  | 25 and 50 DC | 100...200 | RLV332-4  | 2CMA100984R1000 |    |       |
|   |  White  | 40...50 AC   | 50 and 60 | RLV332-12 | 2CMA100983R1000 |    |       |



RSLV216

**For surface mounting 16 A. IP44. Splashproof**  
Housing in plastic (PA). Threaded cable entry M25

| Terminals/<br>Poles | Color<br>code  | Voltage      | Frequency | Type       | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|--------------|-----------|------------|-----------------|------------|---------------------|
|                     |  | V            | Hz        |            |                 |            | pkg<br>(1pce)<br>kg |
| 2                   |  Violet | 20...25 AC   | 50 and 60 | RSLV216    | 2CMA100985R1000 | 10         | 0.198               |
|                     |  Grey   | 25 and 50 DC | -         | RSLV216-10 | 2CMA100987R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | RSLV216-12 | 2CMA100986R1000 |            |                     |
| 3                   |  Violet | 20...25 AC   | 50 and 60 | RSLV316    | 2CMA100988R1000 | 10         | 0.215               |
|                     |  Green  | 25 and 50 DC | 100...200 | RSLV316-4  | 2CMA100990R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | RSLV316-12 | 2CMA100989R1000 |            |                     |









# Inlets

For extra low voltage



BSLV216

For surface mounting. 16 A. IP44. Splashproof  
Housing in plastic (PA). Threaded cable entry M25.

| Terminals/<br>Poles | Color<br>code  | Voltage      | Frequency | Type       | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--|--------------|-----------|------------|-----------------|------------|---------------------|
|                     |  | V            | Hz        |            |                 |            | pkg<br>(1pce)<br>kg |
| 2                   |  Violet | 20...25 AC   | 50 and 60 | BSLV216    | 2CMA100991R1000 | 10         | 0.165               |
|                     |  Grey   | 25 and 50 DC | -         | BSLV216-10 | 2CMA100993R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | BSLV216-12 | 2CMA100992R1000 |            |                     |
| 3                   |  Violet | 20...25 AC   | 50 and 60 | BSLV316    | 2CMA100994R1000 | 10         | 0.180               |
|                     |  Green  | 25 and 50 DC | 100...200 | BSLV316-4  | 2CMA100996R1000 |            |                     |
|                     |  White  | 40...50 AC   | 50 and 60 | BSLV316-12 | 2CMA100995R1000 |            |                     |

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# Industrial plugs and sockets

## High current connectors

The right solution for every application.

The connector product portfolio covers almost all application in the defined high current range.



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### C-Line - 200 A/250 A

The compact C-Line connectors have a robust plastic housing and are perfect for applications with limited space conditions as well as for certain industries (chemistry, food industry). Additional options allow use in a variety of applications.



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### B-Line - 250 A/400 A

The robust B-Line connectors are ideal for applications (tunneling, mining), where high mechanical loads may arise. Furthermore, numerous options, such as the saltwater resistant housing, make the connectors also suitable for marine applications.



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### Connector units 200 A...400 A

To ensure maximum safety for users, we can offer special connector units:

CUMI (connector unit with mechanical interlock)

CUBC (connector unit with block contactor)

CUCB (connector unit with circuit breaker)



# High current connectors

In applications where high current connectors are used, safety, quality and reliability are the top priorities for customers.

## Connectors for challenging applications

In order to fulfill this task, all these properties were bundled into one product range. Thus, all customers receive a product with the highest degree of performance.

Whether in tunnel construction, where extremely mechanical strength is required or railway applications where vibration-proof is of highest importance, the high current connectors are always the right choice.

## Robust housing

The connectors are designed for ambient temperatures from -40 °C to +100 °C. This ensures full functionality at low and very high temperatures. This leads to significantly fewer plant failures (reduced risk of overheating) and reduced fire risk. Another important aspect for various industries, such as tunnel construction, construction sites, mines is the high robustness of the connectors. These can withstand loads of up to 2 tonnes.

## IK Code

The IK code is a coding system according to IEC/EN 50102 or IEC/EN 62262, which indicates the degree of protection by a housing against harmful external stresses. Each characteristic number of the IK code represents a stress relief value.

| IK code             | 01   | 02  | 03   | 04  | 05  | 06 | 07 | 08 | 09 | 10 |
|---------------------|------|-----|------|-----|-----|----|----|----|----|----|
| Stress energy joule | 0,14 | 0,2 | 0,35 | 0,5 | 0,7 | 1  | 2  | 4  | 10 | 20 |

The connectors of the C-Line and B-Line are IK 10 classified.

## Finger touch protection

Each socket is equipped with a finger touch protection in order to safeguard the user against electrical shocks in the event of unintentional contact with live parts.

## IP67/IP55

The connectors are IP67. They are dust-proof and suitable for temporary immersions under water. The connector units are IP55, which means protected against dust and splashing water.

- Always reliable in adverse environmental conditions
- Suitable for high humidity applications
- Low maintenance (no dust/moisture penetration)
- High security ensured at all times

## Voltage coding

Arrangement of the PE contact pin and bushing to prevent wrong plugging of various voltages and frequencies after the time setting in accordance with table 104 from EN 60309-2. The standard earthing contact specifies the time setting.

## Applications

Connectors for every task

- Tunnel construction
- Marine
- Railway
- Military
- Industry
- Construction site
- Event technology
- Mining
- Chemistry

## Characteristics

- 200 A...400 A
- Robust housing
- 4- and 5-poles
- High reliability
- Compact design
- IP 67
- Finger touch protection
- Designed for high temperatures
- Vibration resistant

## Special applications - on request

- Vibration resistant screws
- Seawater resistant housing
- Harnessed connectors

## Customized solutions

If standard solutions do not meet all the requirements of an application, customer-specific solutions are made upon request.



# C-Line

The compact C-Line connectors have a robust plastic housing and are perfect for applications with limited space conditions as well as for certain industries (chemistry, food industry). Additional options allow use in a variety of applications.

| Technical data  | Unit | C-Line   |     |
|---|------|----------|-----|
| Norminal current  | A    | 200      | 250 |
| Rated current   | A    | 250      | 285 |
| Rated voltage   | V    | 1000     |     |
| Rated frequency   | Hz   | 50/60    |     |
| Withstand voltage (1 Min/50 Hz)                             | V    | 4000     |     |
| Protection grade  |      | IP67     |     |
| Shock resistance  |      | IK10     |     |
| Ambient temperature   | °C   | -40/+100 |     |
| Insulation resistance (Phase-phase and phase-earth)         | MOhm | >500     |     |
| Comparative tracking index of the insert                    | CTI  | >600     |     |
| Terminal cross-section (EN 60228 Class 5)                   | mm²  | 35-150   |     |
| Max cross section pilot cable, conductor (EN 60228 Class 5) | mm²  | 4        |     |
| Diameter of cable - separat pilot cable                     | mm   | 34-66    |     |
| Diameter of cable   | mm   | 5-10     |     |



Plugs

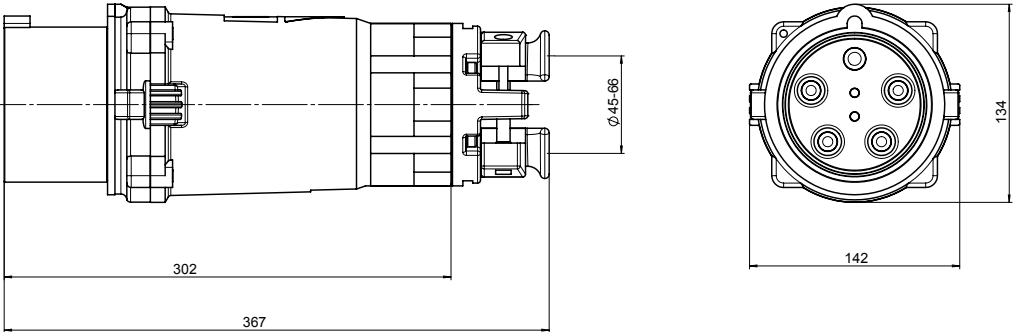
C-Line



MC-S5/200 400V

**IP67. Watertight**  
Robust plastic housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                  |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 200    | 230     | 50/60     | 9    | MC-S4/200A/230V  | 2CMA103139R1000 | 1          | 2.7                     |
|                     |        | 400     |           | 6    | MC-S4/200A/400V  | 2CMA103140R1000 |            |                         |
|                     |        | 500     |           | 7    | MC-S4/200A/500V  | 2CMA103141R1000 |            |                         |
|                     |        | 690     |           | 5    | MC-S4/200A/690V  | 2CMA103142R1000 |            |                         |
|                     |        | 1000    |           | 1    | MC-S4/200A/1000V | 2CMA103143R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 200    | 230     | 50/60     | 9    | MC-S5/200A/230V  | 2CMA103144R1000 | 1          | 2.9                     |
|                     |        | 400     |           | 6    | MC-S5/200A/400V  | 2CMA103145R1000 |            |                         |
|                     |        | 500     |           | 7    | MC-S5/200A/500V  | 2CMA103146R1000 |            |                         |
|                     |        | 690     |           | 5    | MC-S5/200A/690V  | 2CMA103147R1000 |            |                         |
|                     |        | 1000    |           | 1    | MC-S5/200A/1000V | 2CMA103148R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | MC-S4/250A/230V  | 2CMA103149R1000 | 1          | 2.7                     |
|                     |        | 400     |           | 6    | MC-S4/250A/400V  | 2CMA103150R1000 |            |                         |
|                     |        | 500     |           | 7    | MC-S4/250A/500V  | 2CMA103151R1000 |            |                         |
|                     |        | 690     |           | 5    | MC-S4/250A/690V  | 2CMA103152R1000 |            |                         |
|                     |        | 1000    |           | 1    | MC-S4/250A/1000V | 2CMA103153R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | MC-S5/250A/230V  | 2CMA103154R1000 | 1          | 2.9                     |
|                     |        | 400     |           | 6    | MC-S5/250A/400V  | 2CMA103155R1000 |            |                         |
|                     |        | 500     |           | 7    | MC-S5/250A/500V  | 2CMA103156R1000 |            |                         |
|                     |        | 690     |           | 5    | MC-S5/250A/690V  | 2CMA103157R1000 |            |                         |
|                     |        | 1000    |           | 1    | MC-S5/250A/1000V | 2CMA103158R1000 |            |                         |



Sockets

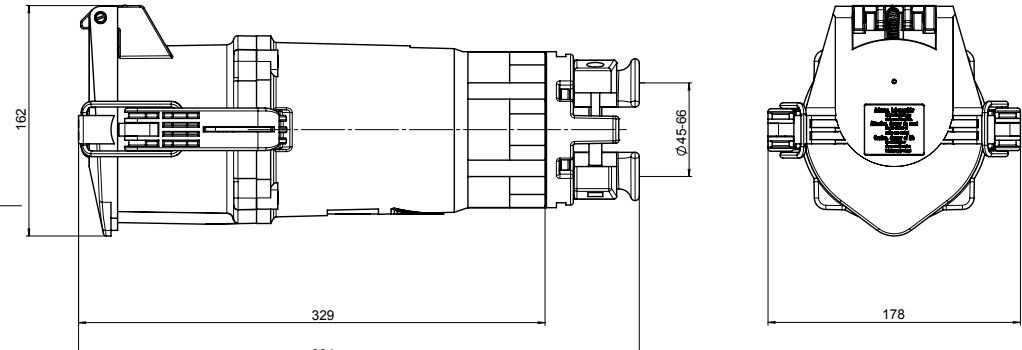
C-Line



FC-S5/200 400V

**IP67. Watertight**  
Robust plastic housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type            | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--------|---------|-----------|------|-----------------|-----------------|------------|---------------------|
|                     | A      | V       | Hz        |      |                 |                 |            | pkg<br>(1pce)<br>kg |
| 3L+PEN              |        |         |           |      |                 |                 |            |                     |
| 4                   | 200    | 230     | 50/60     | 9    | FC-S4/200 230V  | 2CMA103299R1000 | 1          | 3.4                 |
|                     |        | 400     |           | 6    | FC-S4/200 400V  | 2CMA103300R1000 |            |                     |
|                     |        | 500     |           | 7    | FC-S4/200 500V  | 2CMA103301R1000 |            |                     |
|                     |        | 690     |           | 5    | FC-S4/200 690V  | 2CMA103302R1000 |            |                     |
|                     |        | 1000    |           | 1    | FC-S4/200 1000V | 2CMA103303R1000 |            |                     |
| 3L+N+PE             |        |         |           |      |                 |                 |            |                     |
| 5                   | 200    | 230     | 50/60     | 9    | FC-S5/200 230V  | 2CMA103304R1000 | 1          | 3.6                 |
|                     |        | 400     |           | 6    | FC-S5/200 400V  | 2CMA103305R1000 |            |                     |
|                     |        | 500     |           | 7    | FC-S5/200 500V  | 2CMA103306R1000 |            |                     |
|                     |        | 690     |           | 5    | FC-S5/200 690V  | 2CMA103307R1000 |            |                     |
|                     |        | 1000    |           | 1    | FC-S5/200 1000V | 2CMA103308R1000 |            |                     |
| 3L+PEN              |        |         |           |      |                 |                 |            |                     |
| 4                   | 250    | 230     | 50/60     | 9    | FC-S4/250 230V  | 2CMA103309R1000 | 1          | 3.4                 |
|                     |        | 400     |           | 6    | FC-S4/250 400V  | 2CMA103310R1000 |            |                     |
|                     |        | 500     |           | 7    | FC-S4/250 500V  | 2CMA103311R1000 |            |                     |
|                     |        | 690     |           | 5    | FC-S4/250 690V  | 2CMA103312R1000 |            |                     |
|                     |        | 1000    |           | 1    | FC-S4/250 1000V | 2CMA103313R1000 |            |                     |
| 3L+N+PE             |        |         |           |      |                 |                 |            |                     |
| 5                   | 250    | 230     | 50/60     | 9    | FC-S5/250 230V  | 2CMA103314R1000 | 1          | 3.6                 |
|                     |        | 400     |           | 6    | FC-S5/250 400V  | 2CMA103315R1000 |            |                     |
|                     |        | 500     |           | 7    | FC-S5/250 500V  | 2CMA103316R1000 |            |                     |
|                     |        | 690     |           | 5    | FC-S5/250 690V  | 2CMA103317R1000 |            |                     |
|                     |        | 1000    |           | 1    | FC-S5/250 1000V | 2CMA103318R1000 |            |                     |



## Inlets for wall mounting

### C-Line

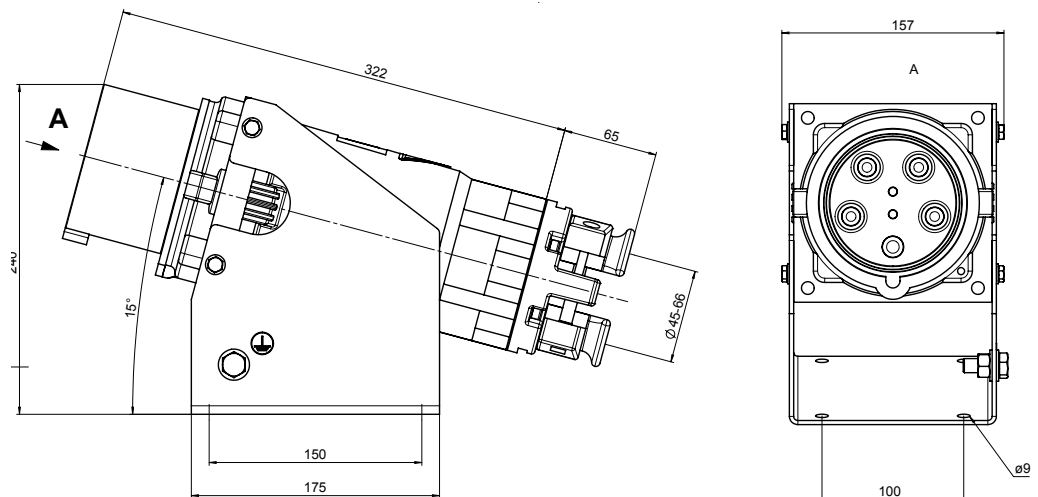


MCW-S5/200 400V

#### IP67. Watertight

Robust plastic housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|-------------------------------|
|                     | A      | V       | Hz        |      |                  |                 |            |                               |
| 3L+PEN              |        |         |           |      |                  |                 |            |                               |
| 4                   | 200    | 230     | 50/60     | 9    | MCW-S4/200 230V  | 2CMA103259R1000 | 1          | 3.6                           |
|                     |        | 400     |           | 6    | MCW-S4/200 400V  | 2CMA103260R1000 |            |                               |
|                     |        | 500     |           | 7    | MCW-S4/200 500V  | 2CMA103261R1000 |            |                               |
|                     |        | 690     |           | 5    | MCW-S4/200 690V  | 2CMA103262R1000 |            |                               |
|                     |        | 1000    |           | 1    | MCW-S4/200 1000V | 2CMA103263R1000 |            |                               |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                               |
| 5                   | 200    | 230     | 50/60     | 9    | MCW-S5/200 230V  | 2CMA103264R1000 | 1          | 3.8                           |
|                     |        | 400     |           | 6    | MCW-S5/200 400V  | 2CMA103265R1000 |            |                               |
|                     |        | 500     |           | 7    | MCW-S5/200 500V  | 2CMA103266R1000 |            |                               |
|                     |        | 690     |           | 5    | MCW-S5/200 690V  | 2CMA103267R1000 |            |                               |
|                     |        | 1000    |           | 1    | MCW-S5/200 1000V | 2CMA103268R1000 |            |                               |
| 3L+PEN              |        |         |           |      |                  |                 |            |                               |
| 4                   | 250    | 230     | 50/60     | 9    | MCW-S4/250 230V  | 2CMA103269R1000 | 1          | 3.6                           |
|                     |        | 400     |           | 6    | MCW-S4/250 400V  | 2CMA103270R1000 |            |                               |
|                     |        | 500     |           | 7    | MCW-S4/250 500V  | 2CMA103271R1000 |            |                               |
|                     |        | 690     |           | 5    | MCW-S4/250 690V  | 2CMA103272R1000 |            |                               |
|                     |        | 1000    |           | 1    | MCW-S4/250 1000V | 2CMA103273R1000 |            |                               |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                               |
| 5                   | 250    | 230     | 50/60     | 9    | MCW-S5/250 230V  | 2CMA103274R1000 | 1          | 3.8                           |
|                     |        | 400     |           | 6    | MCW-S5/250 400V  | 2CMA103275R1000 |            |                               |
|                     |        | 500     |           | 7    | MCW-S5/250 500V  | 2CMA103276R1000 |            |                               |
|                     |        | 690     |           | 5    | MCW-S5/250 690V  | 2CMA103277R1000 |            |                               |
|                     |        | 1000    |           | 1    | MCW-S5/250 1000V | 2CMA103278R1000 |            |                               |



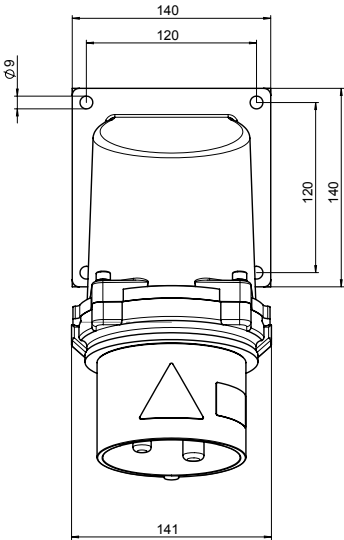
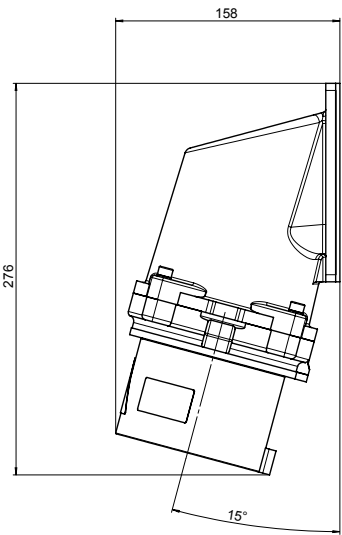
Inlets for panel mounting  
C-Line



MCPA-S5/200 400V

**IP67. Watertight**  
Robust housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type              | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|-------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                   |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                   |                 |            |                         |
| 4                   | 200    | 230     | 50/60     | 9    | MCPA-S4/200 230V  | 2CMA103219R1000 | 1          | 4.2                     |
|                     |        | 400     |           | 6    | MCPA-S4/200 400V  | 2CMA103220R1000 |            |                         |
|                     |        | 500     |           | 7    | MCPA-S4/200 500V  | 2CMA103221R1000 |            |                         |
|                     |        | 690     |           | 5    | MCPA-S4/200 690V  | 2CMA103222R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCPA-S4/200 1000V | 2CMA103223R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                         |
| 5                   | 200    | 230     | 50/60     | 9    | MCPA-S5/200 230V  | 2CMA103224R1000 | 1          | 4.4                     |
|                     |        | 400     |           | 6    | MCPA-S5/200 400V  | 2CMA103225R1000 |            |                         |
|                     |        | 500     |           | 7    | MCPA-S5/200 500V  | 2CMA103226R1000 |            |                         |
|                     |        | 690     |           | 5    | MCPA-S5/200 690V  | 2CMA103227R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCPA-S5/200 1000V | 2CMA103228R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                   |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | MCPA-S4/250 230V  | 2CMA103229R1000 | 1          | 4.2                     |
|                     |        | 400     |           | 6    | MCPA-S4/250 400V  | 2CMA103230R1000 |            |                         |
|                     |        | 500     |           | 7    | MCPA-S4/250 500V  | 2CMA103231R1000 |            |                         |
|                     |        | 690     |           | 5    | MCPA-S4/250 690V  | 2CMA103232R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCPA-S4/250 1000V | 2CMA103233R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | MCPA-S5/250 230V  | 2CMA103234R1000 | 1          | 4.4                     |
|                     |        | 400     |           | 6    | MCPA-S5/250 400V  | 2CMA103235R1000 |            |                         |
|                     |        | 500     |           | 7    | MCPA-S5/250 500V  | 2CMA103236R1000 |            |                         |
|                     |        | 690     |           | 5    | MCPA-S5/250 690V  | 2CMA103237R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCPA-S5/250 1000V | 2CMA103238R1000 |            |                         |



## Inlets for panel mounting

### C-Line

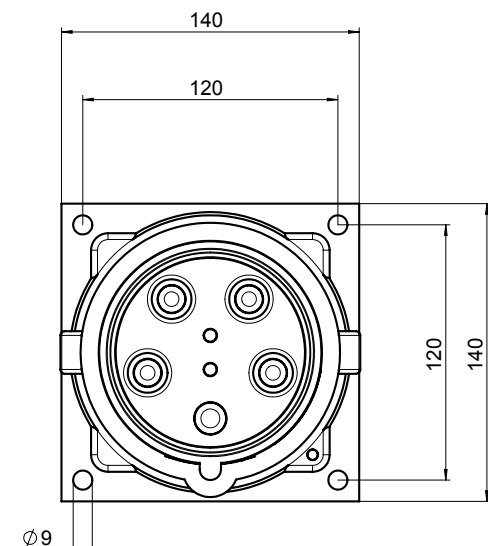
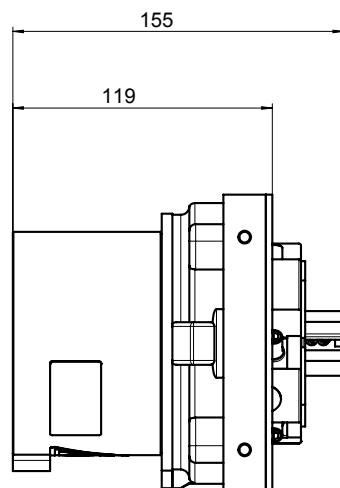


MCP-S5/200 400V

#### IP67. Watertight

Robust housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                  |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 200    | 230     | 50/60     | 9    | MCP-S4/200 230V  | 2CMA103179R1000 | 1          | 2.2                     |
|                     |        | 400     |           | 6    | MCP-S4/200 400V  | 2CMA103180R1000 |            |                         |
|                     |        | 500     |           | 7    | MCP-S4/200 500V  | 2CMA103181R1000 |            |                         |
|                     |        | 690     |           | 5    | MCP-S4/200 690V  | 2CMA103182R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCP-S4/200 1000V | 2CMA103183R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 200    | 230     | 50/60     | 9    | MCP-S5/200 230V  | 2CMA103184R1000 | 1          | 2.4                     |
|                     |        | 400     |           | 6    | MCP-S5/200 400V  | 2CMA103185R1000 |            |                         |
|                     |        | 500     |           | 7    | MCP-S5/200 500V  | 2CMA103186R1000 |            |                         |
|                     |        | 690     |           | 5    | MCP-S5/200 690V  | 2CMA103187R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCP-S5/200 1000V | 2CMA103188R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | MCP-S4/250 230V  | 2CMA103189R1000 | 1          | 2.2                     |
|                     |        | 400     |           | 6    | MCP-S4/250 400V  | 2CMA103190R1000 |            |                         |
|                     |        | 500     |           | 7    | MCP-S4/250 500V  | 2CMA103191R1000 |            |                         |
|                     |        | 690     |           | 5    | MCP-S4/250 690V  | 2CMA103192R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCP-S4/250 1000V | 2CMA103193R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | MCP-S5/250 230V  | 2CMA103194R1000 | 1          | 2.4                     |
|                     |        | 400     |           | 6    | MCP-S5/250 400V  | 2CMA103195R1000 |            |                         |
|                     |        | 500     |           | 7    | MCP-S5/250 500V  | 2CMA103196R1000 |            |                         |
|                     |        | 690     |           | 5    | MCP-S5/250 690V  | 2CMA103197R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCP-S5/250 1000V | 2CMA103198R1000 |            |                         |



Socket outlet for wall mounting

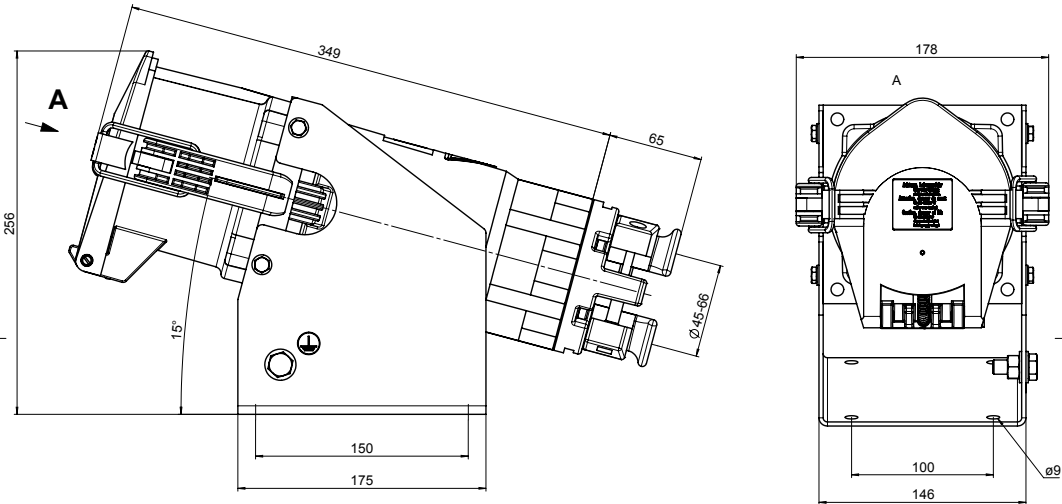
C-Line



FCW-S5/200 400V

**IP67. Watertight**  
Robust plastic housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                  |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 200    | 230     | 50/60     | 9    | FCW-S4/200 230V  | 2CMA103419R1000 | 1          | 4.3                     |
|                     |        | 400     |           | 6    | FCW-S4/200 400V  | 2CMA103420R1000 |            |                         |
|                     |        | 500     |           | 7    | FCW-S4/200 500V  | 2CMA103421R1000 |            |                         |
|                     |        | 690     |           | 5    | FCW-S4/200 690V  | 2CMA103422R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCW-S4/200 1000V | 2CMA103423R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 200    | 230     | 50/60     | 9    | FCW-S5/200 230V  | 2CMA103424R1000 | 1          | 4.5                     |
|                     |        | 400     |           | 6    | FCW-S5/200 400V  | 2CMA103425R1000 |            |                         |
|                     |        | 500     |           | 7    | FCW-S5/200 500V  | 2CMA103426R1000 |            |                         |
|                     |        | 690     |           | 5    | FCW-S5/200 690V  | 2CMA103427R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCW-S5/200 1000V | 2CMA103428R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | FCW-S4/250 230V  | 2CMA103429R1000 | 1          | 4.3                     |
|                     |        | 400     |           | 6    | FCW-S4/250 400V  | 2CMA103430R1000 |            |                         |
|                     |        | 500     |           | 7    | FCW-S4/250 500V  | 2CMA103431R1000 |            |                         |
|                     |        | 690     |           | 5    | FCW-S4/250 690V  | 2CMA103432R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCW-S4/250 1000V | 2CMA103433R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | FCW-S5/250 230V  | 2CMA103434R1000 | 1          | 4.5                     |
|                     |        | 400     |           | 6    | FCW-S5/250 400V  | 2CMA103435R1000 |            |                         |
|                     |        | 500     |           | 7    | FCW-S5/250 500V  | 2CMA103436R1000 |            |                         |
|                     |        | 690     |           | 5    | FCW-S5/250 690V  | 2CMA103437R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCW-S5/250 1000V | 2CMA103438R1000 |            |                         |





## Socket outlet for wall mounting

C-Line

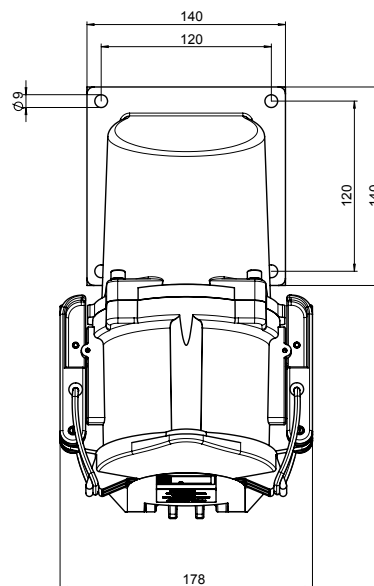
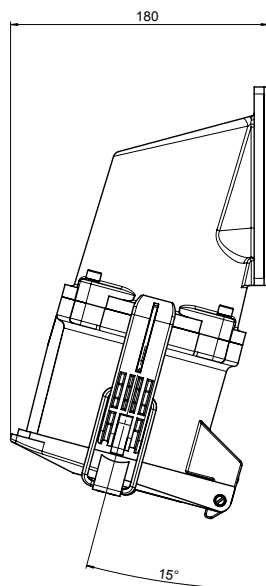


FCPA-S5/200 400V

### IP67. Watertight

Robust housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type              | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--------|---------|-----------|------|-------------------|-----------------|------------|-------------------------------|
|                     | A      | V       | Hz        |      |                   |                 |            |                               |
| 3L+PEN              |        |         |           |      |                   |                 |            |                               |
| 4                   | 200    | 230     | 50/60     | 9    | FCPA-S4/200 230V  | 2CMA103379R1000 | 1          | 4.4                           |
|                     |        | 400     |           | 6    | FCPA-S4/200 400V  | 2CMA103380R1000 |            |                               |
|                     |        | 500     |           | 7    | FCPA-S4/200 500V  | 2CMA103381R1000 |            |                               |
|                     |        | 690     |           | 5    | FCPA-S4/200 690V  | 2CMA103382R1000 |            |                               |
|                     |        | 1000    |           | 1    | FCPA-S4/200 1000V | 2CMA103383R1000 |            |                               |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                               |
| 5                   | 200    | 230     | 50/60     | 9    | FCPA-S5/200 230V  | 2CMA103384R1000 | 1          | 4.6                           |
|                     |        | 400     |           | 6    | FCPA-S5/200 400V  | 2CMA103385R1000 |            |                               |
|                     |        | 500     |           | 7    | FCPA-S5/200 500V  | 2CMA103386R1000 |            |                               |
|                     |        | 690     |           | 5    | FCPA-S5/200 690V  | 2CMA103387R1000 |            |                               |
|                     |        | 1000    |           | 1    | FCPA-S5/200 1000V | 2CMA103388R1000 |            |                               |
| 3L+PEN              |        |         |           |      |                   |                 |            |                               |
| 4                   | 250    | 230     | 50/60     | 9    | FCPA-S4/250 230V  | 2CMA103389R1000 | 1          | 4.4                           |
|                     |        | 400     |           | 6    | FCPA-S4/250 400V  | 2CMA103390R1000 |            |                               |
|                     |        | 500     |           | 7    | FCPA-S4/250 500V  | 2CMA103391R1000 |            |                               |
|                     |        | 690     |           | 5    | FCPA-S4/250 690V  | 2CMA103392R1000 |            |                               |
|                     |        | 1000    |           | 1    | FCPA-S4/250 1000V | 2CMA103393R1000 |            |                               |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                               |
| 5                   | 250    | 230     | 50/60     | 9    | FCPA-S5/250 230V  | 2CMA103394R1000 | 1          | 4.6                           |
|                     |        | 400     |           | 6    | FCPA-S5/250 400V  | 2CMA103395R1000 |            |                               |
|                     |        | 500     |           | 7    | FCPA-S5/250 500V  | 2CMA103396R1000 |            |                               |
|                     |        | 690     |           | 5    | FCPA-S5/250 690V  | 2CMA103397R1000 |            |                               |
|                     |        | 1000    |           | 1    | FCPA-S5/250 1000V | 2CMA103398R1000 |            |                               |



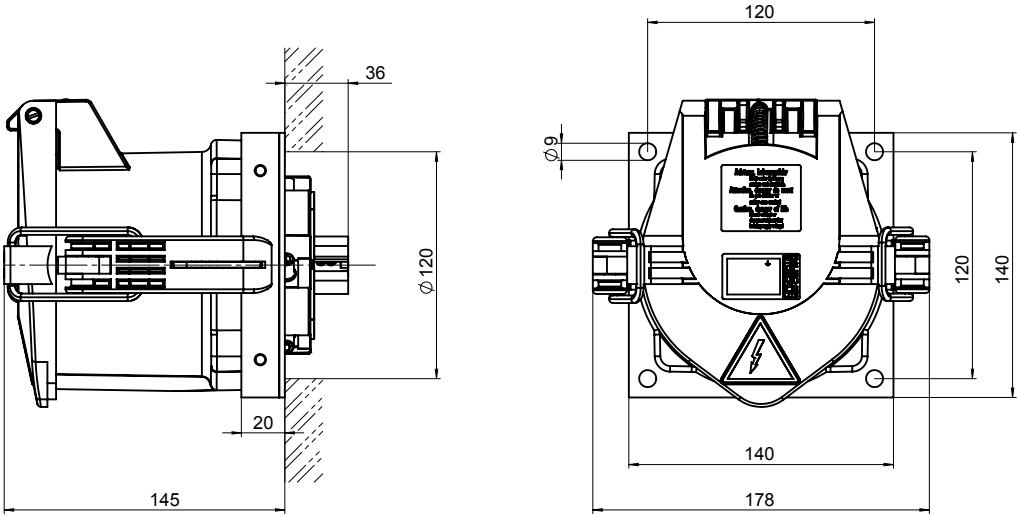
Socket outlet for panel mounting  
C-Line



FCP-S5/200 400V

IP67. Watertight  
Robust housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                  |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 200    | 230     | 50/60     | 9    | FCP-S4/200 230V  | 2CMA103339R1000 | 1          | 3.2                     |
|                     |        | 400     |           | 6    | FCP-S4/200 400V  | 2CMA103340R1000 |            |                         |
|                     |        | 500     |           | 7    | FCP-S4/200 500V  | 2CMA103341R1000 |            |                         |
|                     |        | 690     |           | 5    | FCP-S4/200 690V  | 2CMA103342R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCP-S4/200 1000V | 2CMA103343R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 200    | 230     | 50/60     | 9    | FCP-S5/200 230V  | 2CMA103344R1000 | 1          | 3.5                     |
|                     |        | 400     |           | 6    | FCP-S5/200 400V  | 2CMA103345R1000 |            |                         |
|                     |        | 500     |           | 7    | FCP-S5/200 500V  | 2CMA103346R1000 |            |                         |
|                     |        | 690     |           | 5    | FCP-S5/200 690V  | 2CMA103347R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCP-S5/200 1000V | 2CMA103348R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | FCP-S4/250 230V  | 2CMA103349R1000 | 1          | 3.2                     |
|                     |        | 400     |           | 6    | FCP-S4/250 400V  | 2CMA103350R1000 |            |                         |
|                     |        | 500     |           | 7    | FCP-S4/250 500V  | 2CMA103351R1000 |            |                         |
|                     |        | 690     |           | 5    | FCP-S4/250 690V  | 2CMA103352R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCP-S4/250 1000V | 2CMA103353R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | FCP-S5/250 230V  | 2CMA103354R1000 | 1          | 3.5                     |
|                     |        | 400     |           | 6    | FCP-S5/250 400V  | 2CMA103355R1000 |            |                         |
|                     |        | 500     |           | 7    | FCP-S5/250 500V  | 2CMA103356R1000 |            |                         |
|                     |        | 690     |           | 5    | FCP-S5/250 690V  | 2CMA103357R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCP-S5/250 1000V | 2CMA103358R1000 |            |                         |



## B-Line

The robust B-Line connectors are ideal for applications (tunneling, mining), where high mechanical loads may arise. Furthermore, numerous options, such as the saltwater-resistant housing, make the connectors also suitable for marine applications.

| Technical data  | Unit            | B-Line   |
|---|-----------------|----------|
| Norminal current  | A               | 250 400  |
| Rated current   | A               | 315 450  |
| Rated voltage   | V               | 1000     |
| Rated frequency   | Hz              | 50/60    |
| Withstand voltage (1 Min/50 Hz)                             | V               | 4000     |
| Protection grade  |                 | IP67     |
| Shock resistance  |                 | IK10     |
| Ambient temperature   | °C              | -40/+100 |
| Insulation resistance (Phase-phase and phase-earth)         | MOhm            | >500     |
| Comparative tracking index of the insert                    | CTI             | >600     |
| Terminal cross-section (EN 60228 Class 5)                   | mm <sup>2</sup> | 70-240   |
| Max cross section pilot cable, conductor (EN 60228 Class 5) | mm <sup>2</sup> | 4        |
| Diameter of cable - separat pilot cable                     | mm              | 34-66    |
| Diameter of cable   | mm              | 8-15     |



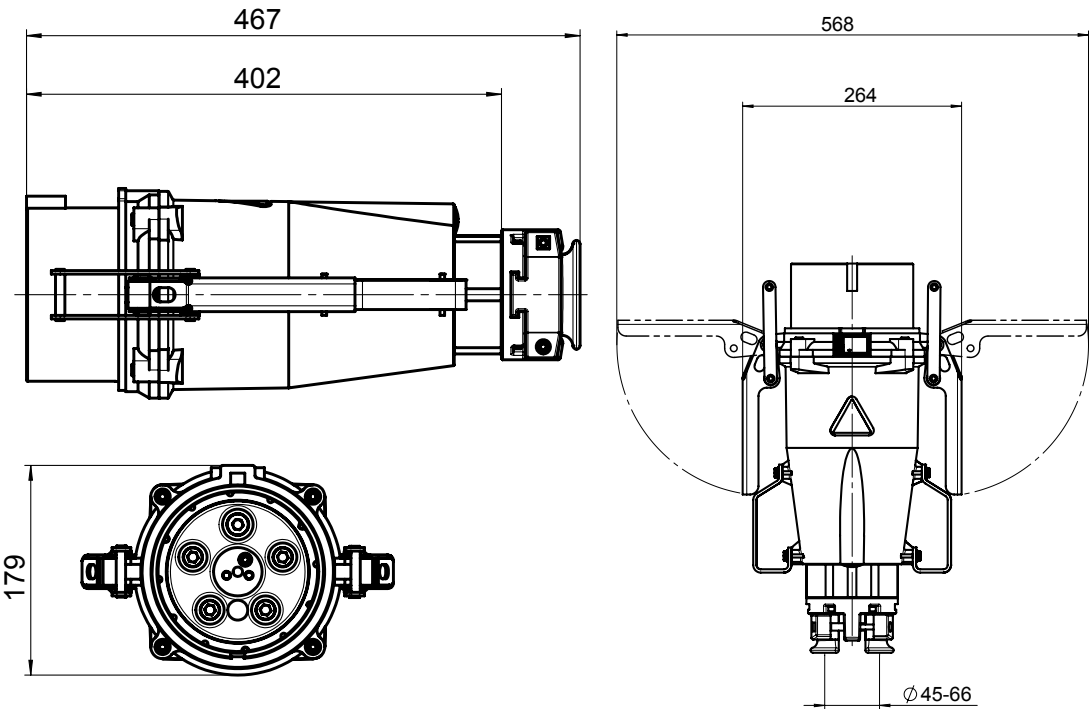
Plugs  
B-Line



MC-S5/250 400V

**IP67. Watertight**  
Aluminum housing. Designed for high temperature.

| Terminals/<br>Poles |        |         |           |      |                  |                 | Pkg<br>qty | Weight |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|--------|
|                     | Ampere | Voltage | Frequency | Hour | Type             | Order Code      |            | pkg    |
|                     | A      | V       | Hz        |      |                  |                 |            | (1pce) |
| kg                  |        |         |           |      |                  |                 |            |        |
| 3L+PEN              |        |         |           |      |                  |                 |            |        |
| 4                   | 250    | 230     | 50/60     | 9    | MC-S4/250A/230V  | 2CMA103159R1000 | 1          | 8.1    |
|                     |        | 400     |           | 6    | MC-S4/250A/400V  | 2CMA103160R1000 |            |        |
|                     |        | 500     |           | 7    | MC-S4/250A/500V  | 2CMA103161R1000 |            |        |
|                     |        | 690     |           | 5    | MC-S4/250A/690V  | 2CMA103162R1000 |            |        |
|                     |        | 1000    |           | 1    | MC-S4/250A/1000V | 2CMA103163R1000 |            |        |
| 3L+N+PE             |        |         |           |      |                  |                 |            |        |
| 5                   | 250    | 230     | 50/60     | 9    | MC-S5/250A/230V  | 2CMA103164R1000 | 1          | 8.6    |
|                     |        | 400     |           | 6    | MC-S5/250A/400V  | 2CMA103165R1000 |            |        |
|                     |        | 500     |           | 7    | MC-S5/250A/500V  | 2CMA103166R1000 |            |        |
|                     |        | 690     |           | 5    | MC-S5/250A/690V  | 2CMA103167R1000 |            |        |
|                     |        | 1000    |           | 1    | MC-S5/250A/1000V | 2CMA103168R1000 |            |        |
| 3L+PEN              |        |         |           |      |                  |                 |            |        |
| 4                   | 400    | 230     | 50/60     | 9    | MC-S4/400A/230V  | 2CMA103169R1000 | 1          | 8.1    |
|                     |        | 400     |           | 6    | MC-S4/400A/400V  | 2CMA103170R1000 |            |        |
|                     |        | 500     |           | 7    | MC-S4/400A/500V  | 2CMA103171R1000 |            |        |
|                     |        | 690     |           | 5    | MC-S4/400A/690V  | 2CMA103172R1000 |            |        |
|                     |        | 1000    |           | 1    | MC-S4/400A/1000V | 2CMA103173R1000 |            |        |
| 3L+N+PE             |        |         |           |      |                  |                 |            |        |
| 5                   | 400    | 230     | 50/60     | 9    | MC-S5/400A/230V  | 2CMA103174R1000 | 1          | 8.6    |
|                     |        | 400     |           | 6    | MC-S5/400A/400V  | 2CMA103175R1000 |            |        |
|                     |        | 500     |           | 7    | MC-S5/400A/500V  | 2CMA103176R1000 |            |        |
|                     |        | 690     |           | 5    | MC-S5/400A/690V  | 2CMA103177R1000 |            |        |
|                     |        | 1000    |           | 1    | MC-S5/400A/1000V | 2CMA103178R1000 |            |        |



## Sockets

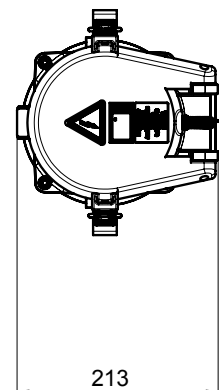
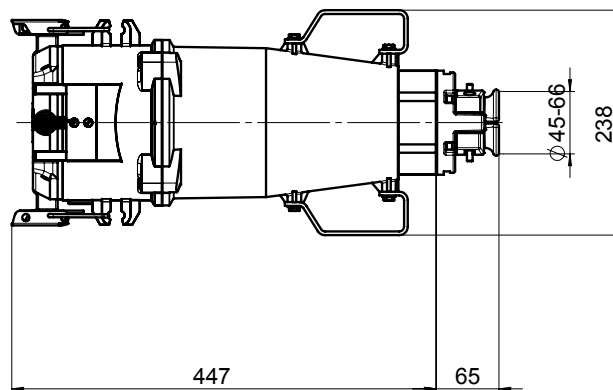
### B-Line



FC-S5/250 400V

**IP67. Watertight**  
Aluminum housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type            | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|-----------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                 |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                 |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | FC-S4/250 230V  | 2CMA103319R1000 | 1          | 9.4                     |
|                     |        | 400     |           | 6    | FC-S4/250 400V  | 2CMA103320R1000 |            |                         |
|                     |        | 500     |           | 7    | FC-S4/250 500V  | 2CMA103321R1000 |            |                         |
|                     |        | 690     |           | 5    | FC-S4/250 690V  | 2CMA103322R1000 |            |                         |
|                     |        | 1000    |           | 1    | FC-S4/250 1000V | 2CMA103323R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                 |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | FC-S5/250 230V  | 2CMA103324R1000 | 1          | 9.9                     |
|                     |        | 400     |           | 6    | FC-S5/250 400V  | 2CMA103325R1000 |            |                         |
|                     |        | 500     |           | 7    | FC-S5/250 500V  | 2CMA103326R1000 |            |                         |
|                     |        | 690     |           | 5    | FC-S5/250 690V  | 2CMA103327R1000 |            |                         |
|                     |        | 1000    |           | 1    | FC-S5/250 1000V | 2CMA103328R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                 |                 |            |                         |
| 4                   | 400    | 230     | 50/60     | 9    | FC-S4/400 230V  | 2CMA103329R1000 | 1          | 9.4                     |
|                     |        | 400     |           | 6    | FC-S4/400 400V  | 2CMA103330R1000 |            |                         |
|                     |        | 500     |           | 7    | FC-S4/400 500V  | 2CMA103331R1000 |            |                         |
|                     |        | 690     |           | 5    | FC-S4/400 690V  | 2CMA103332R1000 |            |                         |
|                     |        | 1000    |           | 1    | FC-S4/400 1000V | 2CMA103333R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                 |                 |            |                         |
| 5                   | 400    | 230     | 50/60     | 9    | FC-S5/400 230V  | 2CMA103334R1000 | 1          | 9.9                     |
|                     |        | 400     |           | 6    | FC-S5/400 400V  | 2CMA103335R1000 |            |                         |
|                     |        | 500     |           | 7    | FC-S5/400 500V  | 2CMA103336R1000 |            |                         |
|                     |        | 690     |           | 5    | FC-S5/400 690V  | 2CMA103337R1000 |            |                         |
|                     |        | 1000    |           | 1    | FC-S5/400 1000V | 2CMA103338R1000 |            |                         |



Inlets for wall mounting

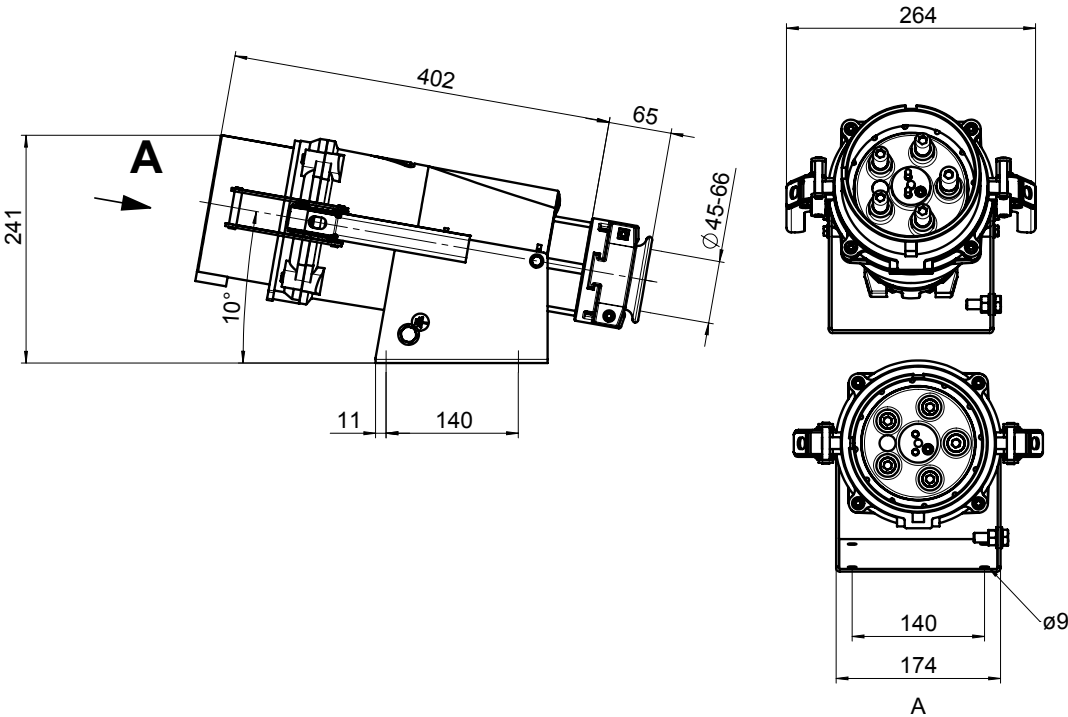
B-Line



MCW-S5/250 400V

**IP67. Watertight**  
Aluminum housing. Designed for high temperature.

| Terminals/<br>Poles |        |         |           |      |                   | Order Code      | Pkg<br>qty | Weight        |
|---------------------|--------|---------|-----------|------|-------------------|-----------------|------------|---------------|
|                     | Ampere | Voltage | Frequency | Hour | Type              |                 |            | pkg<br>(1pce) |
|                     | A      | V       | Hz        |      |                   |                 |            | kg            |
| 3L+PEN              |        |         |           |      |                   |                 |            |               |
| 4                   | 250    | 230     | 50/60     | 9    | MCW-S4/250 230V   | 2CMA103279R1000 | 1          | 10.0          |
|                     |        | 400     |           | 6    | MCW-S4/250 400V   | 2CMA103280R1000 |            |               |
|                     |        | 500     |           | 7    | MCW-S4/250 500V   | 2CMA103281R1000 |            |               |
|                     |        | 690     |           | 5    | MCW-S4/250 690V   | 2CMA103282R1000 |            |               |
|                     |        | 1000    |           | 1    | MCW-S4/250 1000V  | 2CMA103283R1000 |            |               |
| 3L+N+PE             |        |         |           |      |                   |                 |            |               |
| 5                   | 250    | 230     | 50/60     | 9    | MCW-S5/250 230V   | 2CMA103284R1000 | 1          | 10.5          |
|                     |        | 400     |           | 6    | MCW-S5/250 400V   | 2CMA103285R1000 |            |               |
|                     |        | 500     |           | 7    | MCW-S5/250 500V   | 2CMA103286R1000 |            |               |
|                     |        | 690     |           | 5    | MCW-S5/250 690V   | 2CMA103287R1000 |            |               |
|                     |        | 1000    |           | 1    | MCW-S5/250 10000V | 2CMA103288R1000 |            |               |
| 3L+PEN              |        |         |           |      |                   |                 |            |               |
| 4                   | 400    | 230     | 50/60     | 9    | MCW-S4/400 230V   | 2CMA103289R1000 | 1          | 10.0          |
|                     |        | 400     |           | 6    | MCW-S4/400 400V   | 2CMA103290R1000 |            |               |
|                     |        | 500     |           | 7    | MCW-S4/400 500V   | 2CMA103291R1000 |            |               |
|                     |        | 690     |           | 5    | MCW-S4/400 690V   | 2CMA103292R1000 |            |               |
|                     |        | 1000    |           | 1    | MCW-S4/400 1000V  | 2CMA103293R1000 |            |               |
| 3L+N+PE             |        |         |           |      |                   |                 |            |               |
| 5                   | 400    | 230     | 50/60     | 9    | MCW-S5/400 230V   | 2CMA103294R1000 | 1          | 10.5          |
|                     |        | 400     |           | 6    | MCW-S5/400 400V   | 2CMA103295R1000 |            |               |
|                     |        | 500     |           | 7    | MCW-S5/400 500V   | 2CMA103296R1000 |            |               |
|                     |        | 690     |           | 5    | MCW-S5/400 690V   | 2CMA103297R1000 |            |               |
|                     |        | 1000    |           | 1    | MCW-S5/400 1000V  | 2CMA103298R1000 |            |               |



## Inlets for panel mounting

### B-Line

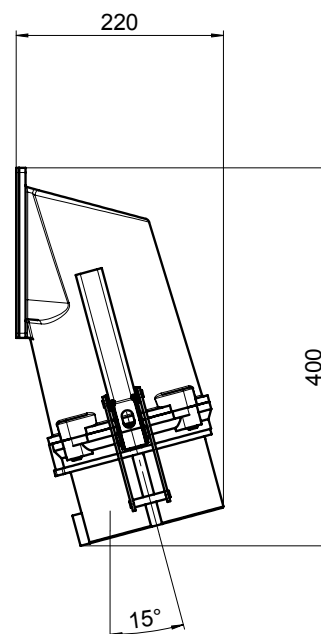
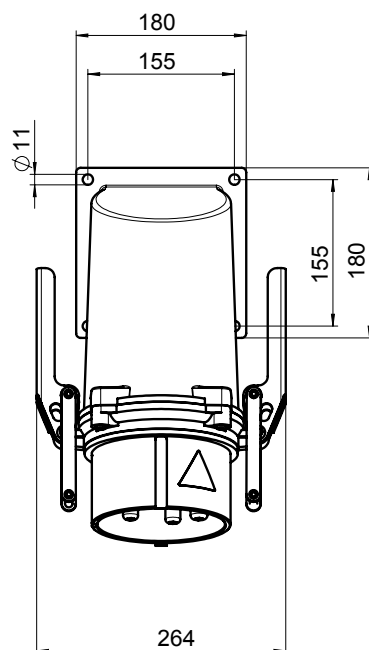


MCPA-S5/250 400V

#### IP67. Watertight

Aluminum housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type              | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|-------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                   |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                   |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | MCPA-S4/250 230V  | 2CMA103239R1000 | 1          | 9.8                     |
|                     |        | 400     |           | 6    | MCPA-S4/250 400V  | 2CMA103240R1000 |            |                         |
|                     |        | 500     |           | 7    | MCPA-S4/250 500V  | 2CMA103241R1000 |            |                         |
|                     |        | 690     |           | 5    | MCPA-S4/250 690V  | 2CMA103242R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCPA-S4/250 1000V | 2CMA103243R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | MCPA-S5/250 230V  | 2CMA103244R1000 | 1          | 10.3                    |
|                     |        | 400     |           | 6    | MCPA-S5/250 400V  | 2CMA103245R1000 |            |                         |
|                     |        | 500     |           | 7    | MCPA-S5/250 500V  | 2CMA103246R1000 |            |                         |
|                     |        | 690     |           | 5    | MCPA-S5/250 690V  | 2CMA103247R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCPA-S5/250 1000V | 2CMA103248R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                   |                 |            |                         |
| 4                   | 400    | 230     | 50/60     | 9    | MCPA-S4/400 230V  | 2CMA103249R1000 | 1          | 9.8                     |
|                     |        | 400     |           | 6    | MCPA-S4/400 400V  | 2CMA103250R1000 |            |                         |
|                     |        | 500     |           | 7    | MCPA-S4/400 500V  | 2CMA103251R1000 |            |                         |
|                     |        | 690     |           | 5    | MCPA-S4/400 690V  | 2CMA103252R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCPA-S4/400 1000V | 2CMA103253R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                         |
| 5                   | 400    | 230     | 50/60     | 9    | MCPA-S5/400 230V  | 2CMA103254R1000 | 1          | 10.3                    |
|                     |        | 400     |           | 6    | MCPA-S5/400 400V  | 2CMA103255R1000 |            |                         |
|                     |        | 500     |           | 7    | MCPA-S5/400 500V  | 2CMA103256R1000 |            |                         |
|                     |        | 690     |           | 5    | MCPA-S5/400 690V  | 2CMA103257R1000 |            |                         |
|                     |        | 1000    |           | 1    | MCPA-S5/400 1000V | 2CMA103258R1000 |            |                         |



Inlets for panel mounting

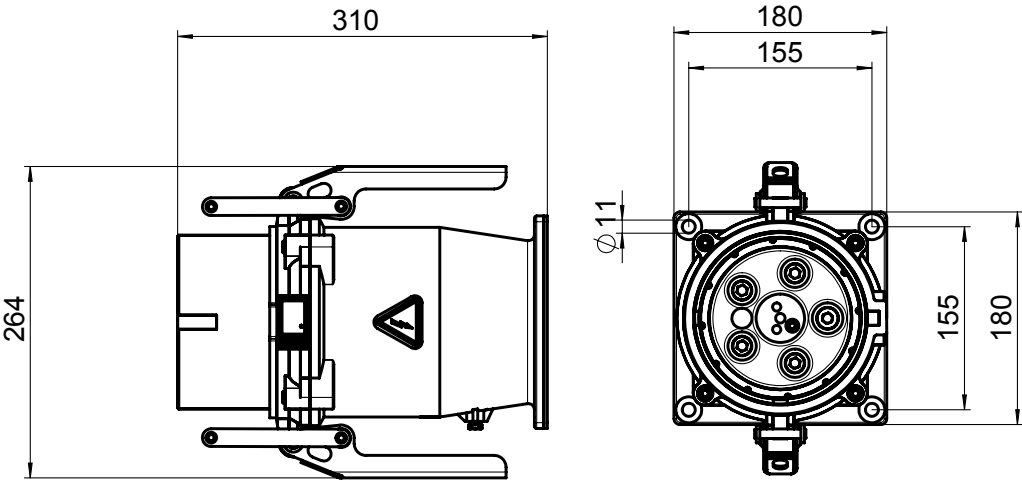
B-Line



MCP-S5/250 400V

**IP67. Watertight**  
Aluminum housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight              |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|---------------------|
|                     | A      | V       | Hz        |      |                  |                 |            | pkg<br>(1pce)<br>kg |
| 3L+PEN              |        |         |           |      |                  |                 |            |                     |
| 4                   | 250    | 230     | 50/60     | 9    | MCP-S4/250 230V  | 2CMA103199R1000 | 1          | 8.1                 |
|                     |        | 400     |           | 6    | MCP-S4/250 400V  | 2CMA103200R1000 |            |                     |
|                     |        | 500     |           | 7    | MCP-S4/250 500V  | 2CMA103201R1000 |            |                     |
|                     |        | 690     |           | 5    | MCP-S4/250 690V  | 2CMA103202R1000 |            |                     |
|                     |        | 1000    |           | 1    | MCP-S4/250 1000V | 2CMA103203R1000 |            |                     |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                     |
| 5                   | 250    | 230     | 50/60     | 9    | MCP-S5/250 230V  | 2CMA103204R1000 | 1          | 8.6                 |
|                     |        | 400     |           | 6    | MCP-S5/250 400V  | 2CMA103205R1000 |            |                     |
|                     |        | 500     |           | 7    | MCP-S5/250 500V  | 2CMA103206R1000 |            |                     |
|                     |        | 690     |           | 5    | MCP-S5/250 690V  | 2CMA103207R1000 |            |                     |
|                     |        | 1000    |           | 1    | MCP-S5/250 1000V | 2CMA103208R1000 |            |                     |
| 3L+PEN              |        |         |           |      |                  |                 |            |                     |
| 4                   | 400    | 230     | 50/60     | 9    | MCP-S4/400 230V  | 2CMA103209R1000 | 1          | 8.1                 |
|                     |        | 400     |           | 6    | MCP-S4/400 400V  | 2CMA103210R1000 |            |                     |
|                     |        | 500     |           | 7    | MCP-S4/400 500V  | 2CMA103211R1000 |            |                     |
|                     |        | 690     |           | 5    | MCP-S4/400 690V  | 2CMA103212R1000 |            |                     |
|                     |        | 1000    |           | 1    | MCP-S4/400 1000V | 2CMA103213R1000 |            |                     |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                     |
| 5                   | 400    | 230     | 50/60     | 9    | MCP-S5/400 230V  | 2CMA103214R1000 | 1          | 8.6                 |
|                     |        | 400     |           | 6    | MCP-S5/400 400V  | 2CMA103215R1000 |            |                     |
|                     |        | 500     |           | 7    | MCP-S5/400 500V  | 2CMA103216R1000 |            |                     |
|                     |        | 690     |           | 5    | MCP-S5/400 690V  | 2CMA103217R1000 |            |                     |
|                     |        | 1000    |           | 1    | MCP-S5/400 1000V | 2CMA103218R1000 |            |                     |





## Socket outlet for wall mounting

B-Line

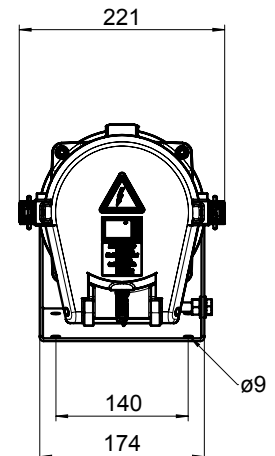
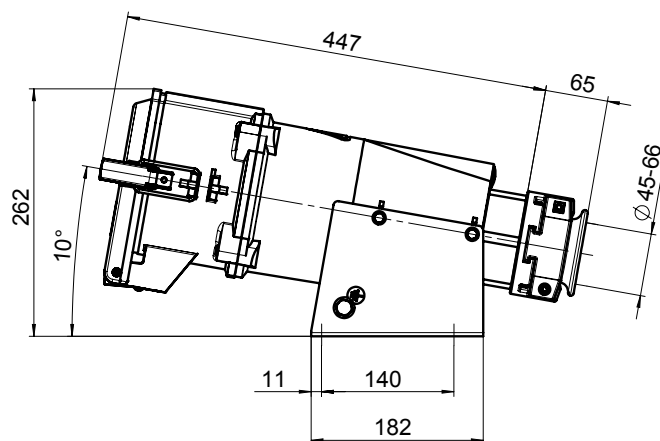


FCW-S5/250 400V

### IP67. Watertight

Aluminum housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                  |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | FCW-S4/250 230V  | 2CMA103439R1000 | 1          | 11.5                    |
|                     |        | 400     |           | 6    | FCW-S4/250 400V  | 2CMA103440R1000 |            |                         |
|                     |        | 500     |           | 7    | FCW-S4/250 500V  | 2CMA103441R1000 |            |                         |
|                     |        | 690     |           | 5    | FCW-S4/250 690V  | 2CMA103442R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCW-S4/250 1000V | 2CMA103443R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | FCW-S5/250 230V  | 2CMA103444R1000 | 1          | 12.0                    |
|                     |        | 400     |           | 6    | FCW-S5/250 400V  | 2CMA103445R1000 |            |                         |
|                     |        | 500     |           | 7    | FCW-S5/250 500V  | 2CMA103446R1000 |            |                         |
|                     |        | 690     |           | 5    | FCW-S5/250 690V  | 2CMA103447R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCW-S5/250 1000V | 2CMA103448R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 400    | 230     | 50/60     | 9    | FCW-S4/400 230V  | 2CMA103449R1000 | 1          | 11.5                    |
|                     |        | 400     |           | 6    | FCW-S4/400 400V  | 2CMA103450R1000 |            |                         |
|                     |        | 500     |           | 7    | FCW-S4/400 500V  | 2CMA103451R1000 |            |                         |
|                     |        | 690     |           | 5    | FCW-S4/400 690V  | 2CMA103452R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCW-S4/400 1000V | 2CMA103453R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 400    | 230     | 50/60     | 9    | FCW-S5/400 230V  | 2CMA103454R1000 | 1          | 12.0                    |
|                     |        | 400     |           | 6    | FCW-S5/400 400V  | 2CMA103455R1000 |            |                         |
|                     |        | 500     |           | 7    | FCW-S5/400 500V  | 2CMA103456R1000 |            |                         |
|                     |        | 690     |           | 5    | FCW-S5/400 690V  | 2CMA103457R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCW-S5/400 1000V | 2CMA103458R1000 |            |                         |



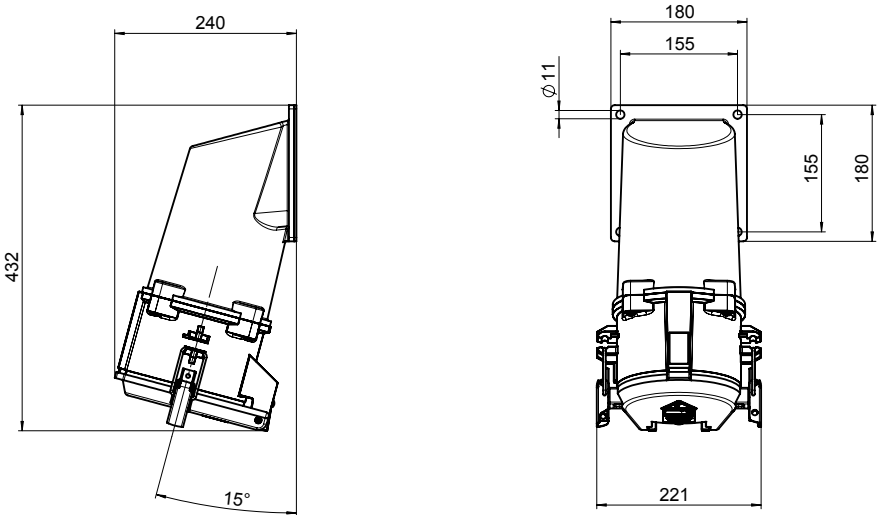
Socket outlet for wall mounting  
B-Line



FCPA-S5/250 400V

**IP67. Watertight**  
Aluminum housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type              | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|-------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                   |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                   |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | FCPA-S4/250 230V  | 2CMA103399R1000 | 1          | 10.3                    |
|                     |        | 400     |           | 6    | FCPA-S4/250 400V  | 2CMA103400R1000 |            |                         |
|                     |        | 500     |           | 7    | FCPA-S4/250 500V  | 2CMA103401R1000 |            |                         |
|                     |        | 690     |           | 5    | FCPA-S4/250 690V  | 2CMA103402R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCPA-S4/250 1000V | 2CMA103403R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | FCPA-S5/250 230V  | 2CMA103404R1000 | 1          | 10.8                    |
|                     |        | 400     |           | 6    | FCPA-S5/250 400V  | 2CMA103405R1000 |            |                         |
|                     |        | 500     |           | 7    | FCPA-S5/250 500V  | 2CMA103406R1000 |            |                         |
|                     |        | 690     |           | 5    | FCPA-S5/250 690V  | 2CMA103407R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCPA-S5/250 1000V | 2CMA103408R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                   |                 |            |                         |
| 4                   | 400    | 230     | 50/60     | 9    | FCPA-S4/400 230V  | 2CMA103409R1000 | 1          | 10.3                    |
|                     |        | 400     |           | 6    | FCPA-S4/400 400V  | 2CMA103410R1000 |            |                         |
|                     |        | 500     |           | 7    | FCPA-S4/400 500V  | 2CMA103411R1000 |            |                         |
|                     |        | 690     |           | 5    | FCPA-S4/400 690V  | 2CMA103412R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCPA-S4/400 1000V | 2CMA103413R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                         |
| 5                   | 400    | 230     | 50/60     | 9    | FCPA-S5/400 230V  | 2CMA103414R1000 | 1          | 10.8                    |
|                     |        | 400     |           | 6    | FCPA-S5/400 400V  | 2CMA103415R1000 |            |                         |
|                     |        | 500     |           | 7    | FCPA-S5/400 500V  | 2CMA103416R1000 |            |                         |
|                     |        | 690     |           | 5    | FCPA-S5/400 690V  | 2CMA103417R1000 |            |                         |
|                     |        | 1000    |           | 1    | FCPA-S5/400 1000V | 2CMA103418R1000 |            |                         |



## Socket outlet for panel mounting

B-Line

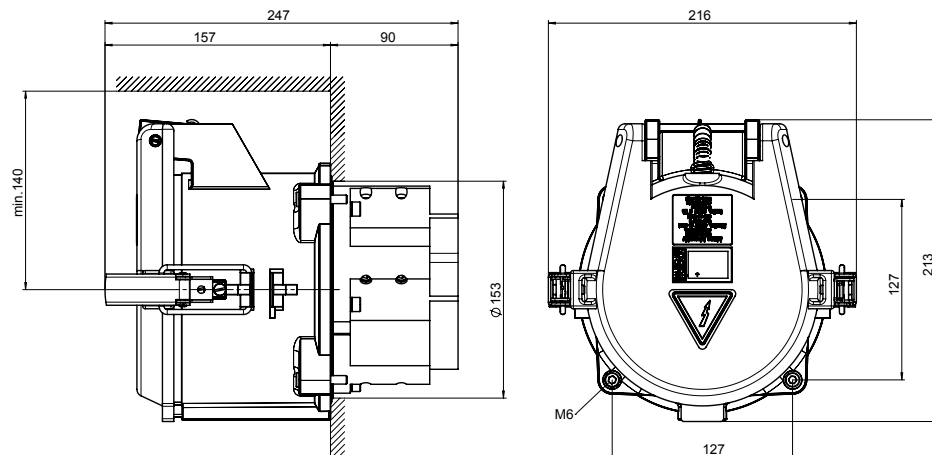


FCP-S5/250 400V

### IP67. Watertight

Aluminum housing. Designed for high temperature.

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|-------------------------------|
|                     | A      | V       | Hz        |      |                  |                 |            |                               |
| 3L+PEN              |        |         |           |      |                  |                 |            |                               |
| 4                   | 250    | 230     | 50/60     | 9    | FCP-S4/250 230V  | 2CMA103359R1000 | 1          | 6.8                           |
|                     |        | 400     |           | 6    | FCP-S4/250 400V  | 2CMA103360R1000 |            |                               |
|                     |        | 500     |           | 7    | FCP-S4/250 500V  | 2CMA103361R1000 |            |                               |
|                     |        | 690     |           | 5    | FCP-S4/250 690V  | 2CMA103362R1000 |            |                               |
|                     |        | 1000    |           | 1    | FCP-S4/250 1000V | 2CMA103363R1000 |            |                               |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                               |
| 5                   | 250    | 230     | 50/60     | 9    | FCP-S5/250 230V  | 2CMA103364R1000 | 1          | 7.3                           |
|                     |        | 400     |           | 6    | FCP-S5/250 400V  | 2CMA103365R1000 |            |                               |
|                     |        | 500     |           | 7    | FCP-S5/250 500V  | 2CMA103366R1000 |            |                               |
|                     |        | 690     |           | 5    | FCP-S5/250 690V  | 2CMA103367R1000 |            |                               |
|                     |        | 1000    |           | 1    | FCP-S5/250 1000V | 2CMA103368R1000 |            |                               |
| 3L+PEN              |        |         |           |      |                  |                 |            |                               |
| 4                   | 400    | 230     | 50/60     | 9    | FCP-S4/400 230V  | 2CMA103369R1000 | 1          | 6.8                           |
|                     |        | 400     |           | 6    | FCP-S4/400 400V  | 2CMA103370R1000 |            |                               |
|                     |        | 500     |           | 7    | FCP-S4/400 500V  | 2CMA103371R1000 |            |                               |
|                     |        | 690     |           | 5    | FCP-S4/400 690V  | 2CMA103372R1000 |            |                               |
|                     |        | 1000    |           | 1    | FCP-S4/400 1000V | 2CMA103373R1000 |            |                               |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                               |
| 5                   | 400    | 230     | 50/60     | 9    | FCP-S5/400 230V  | 2CMA103374R1000 | 1          | 7.3                           |
|                     |        | 400     |           | 6    | FCP-S5/400 400V  | 2CMA103375R1000 |            |                               |
|                     |        | 500     |           | 7    | FCP-S5/400 500V  | 2CMA103376R1000 |            |                               |
|                     |        | 690     |           | 5    | FCP-S5/400 690V  | 2CMA103377R1000 |            |                               |
|                     |        | 1000    |           | 1    | FCP-S5/400 1000V | 2CMA103378R1000 |            |                               |



## Connector units with mechanical interlock, CUMI

To ensure maximum safety for users, we can offer special connector units.

| Technical data  | Unit            | C-Line  |     | B-Line  |     |
|---|-----------------|---------|-----|---------|-----|
| Rated current   | A               | 200     | 250 | 250     | 400 |
| Rated voltage   | V               | 1000    |     | 1000    |     |
| Rated frequency   | Hz              | 50/60   |     | 50/60   |     |
| Withstand voltage (1 Min/50 Hz)                             | V               | 4000    |     | 4000    |     |
| Protection grade  |                 | IP55    |     | IP55    |     |
| Shock resistance  |                 | IK07    |     | IK07    |     |
| Ambient temperature   | °C              | -40/+70 |     | -40/+70 |     |
| Insulation resistance (Phase-phase and phase-earth)         | MOhm            | >500    |     | >500    |     |
| Comparative tracking index of the insert                    | CTI             | >600    |     | >600    |     |
| Weight 4 poles (3L+PEN)                                     | kg              | 25.1    |     | 45.6    |     |
| Weight 5 poles (3L+N+PE)                                    | kg              | 25.3    |     | 47.1    |     |
| Connection bolts for cable shoes                            |                 | M8      |     | M10     |     |
| Max cross section pilot cable, conductor (EN 60228 Class 1) | mm <sup>2</sup> | 4       |     | 4       |     |
| Diameter of cable - normal other diameters on request       | mm              | 20-70   |     | 20-70   |     |



## Connector unit with mechanical interlock

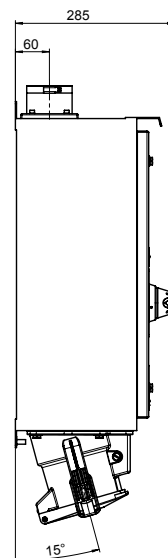
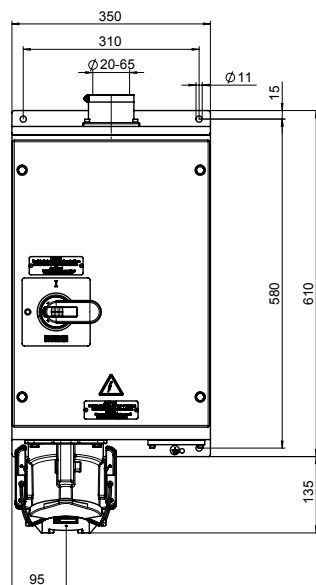
C-Line



CUMI-S5/200 400V

IP55  
Steel housing

| Terminals/<br>Poles | Ampere<br>A | Voltage<br>V | Frequency<br>Hz | Hour | Type                 | Order Code      | Pkg<br>qty | Weight              |
|---------------------|-------------|--------------|-----------------|------|----------------------|-----------------|------------|---------------------|
|                     |             |              |                 |      |                      |                 |            | pkg<br>(1pce)<br>kg |
| 3L+PEN              |             |              |                 |      |                      |                 |            |                     |
| 4                   | 200         | 230          | 50/60           | 9    | CUMI-S4/200 230V-9h  | 2CMA103459R1000 | 1          | 25.1                |
|                     |             | 400          |                 | 6    | CUMI-S4/200 400V-6h  | 2CMA103460R1000 |            |                     |
|                     |             | 500          |                 | 7    | CUMI-S4/200 500V-7h  | 2CMA103461R1000 |            |                     |
|                     |             | 690          |                 | 5    | CUMI-S4/200 690V-5h  | 2CMA103462R1000 |            |                     |
|                     |             | 1000         |                 | 1    | CUMI-S4/200 1000V-1h | 2CMA103463R1000 |            |                     |
| 3L+N+PE             |             |              |                 |      |                      |                 |            |                     |
| 5                   | 200         | 230          | 50/60           | 9    | CUMI-S5/200 230V-9h  | 2CMA103464R1000 | 1          | 25.3                |
|                     |             | 400          |                 | 6    | CUMI-S5/200 400V-6h  | 2CMA103465R1000 |            |                     |
|                     |             | 500          |                 | 7    | CUMI-S5/200 500V-7h  | 2CMA103466R1000 |            |                     |
|                     |             | 690          |                 | 5    | CUMI-S5/200 690V-5h  | 2CMA103467R1000 |            |                     |
|                     |             | 1000         |                 | 1    | CUMI-S5/200 1000V-1h | 2CMA103468R1000 |            |                     |
| 3L+PEN              |             |              |                 |      |                      |                 |            |                     |
| 4                   | 250         | 230          | 50/60           | 9    | CUMI-S4/250 230V-9h  | 2CMA103469R1000 | 1          | 25.1                |
|                     |             | 400          |                 | 6    | CUMI-S4/250 400V-6h  | 2CMA103470R1000 |            |                     |
|                     |             | 500          |                 | 7    | CUMI-S4/250 500V-7h  | 2CMA103471R1000 |            |                     |
|                     |             | 690          |                 | 5    | CUMI-S4/250 690V-5h  | 2CMA103472R1000 |            |                     |
|                     |             | 1000         |                 | 1    | CUMI-S4/250 1000V-1h | 2CMA103473R1000 |            |                     |
| 3L+N+PE             |             |              |                 |      |                      |                 |            |                     |
| 5                   | 250         | 230          | 50/60           | 9    | CUMI-S5/250 230V-9h  | 2CMA103474R1000 | 1          | 25.3                |
|                     |             | 400          |                 | 6    | CUMI-S5/250 400V-6h  | 2CMA103475R1000 |            |                     |
|                     |             | 500          |                 | 7    | CUMI-S5/250 500V-7h  | 2CMA103476R1000 |            |                     |
|                     |             | 690          |                 | 5    | CUMI-S5/250 690V-5h  | 2CMA103477R1000 |            |                     |
|                     |             | 1000         |                 | 1    | CUMI-S5/250 1000V-1h | 2CMA103478R1000 |            |                     |



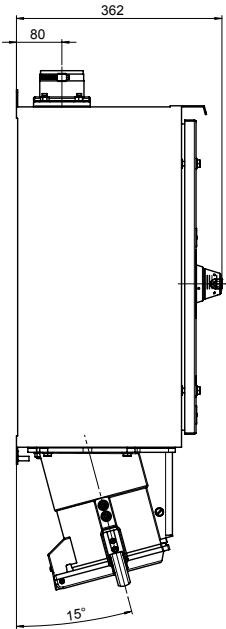
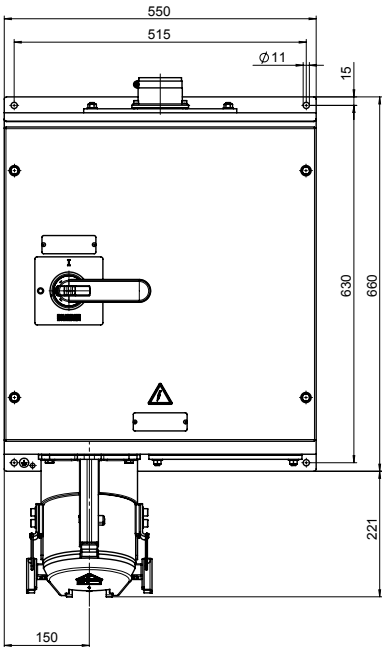
Connector unit with mechanical interlock  
B-Line



CUMI-S5/250 400V

IP55  
Steel housing

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type                 | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|----------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                      |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                      |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | CUMI-S4/250 230V-9h  | 2CMA103479R1000 | 1          | 45.6                    |
|                     |        | 400     |           | 6    | CUMI-S4/250 400V-6h  | 2CMA103480R1000 |            |                         |
|                     |        | 500     |           | 7    | CUMI-S4/250 500V-7h  | 2CMA103481R1000 |            |                         |
|                     |        | 690     |           | 5    | CUMI-S4/250 690V-5h  | 2CMA103482R1000 |            |                         |
|                     |        | 1000    |           | 1    | CUMI-S4/250 1000V-1h | 2CMA103483R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                      |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | CUMI-S5/250 230V-9h  | 2CMA103484R1000 | 1          | 47.1                    |
|                     |        | 400     |           | 6    | CUMI-S5/250 400V-6h  | 2CMA103485R1000 |            |                         |
|                     |        | 500     |           | 7    | CUMI-S5/250 500V-7h  | 2CMA103486R1000 |            |                         |
|                     |        | 690     |           | 5    | CUMI-S5/250 690V-5h  | 2CMA103487R1000 |            |                         |
|                     |        | 1000    |           | 1    | CUMI-S5/250 1000V-1h | 2CMA103488R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                      |                 |            |                         |
| 4                   | 400    | 230     | 50/60     | 9    | CUMI-S4/400 230V-9h  | 2CMA103489R1000 | 1          | 45.6                    |
|                     |        | 400     |           | 6    | CUMI-S4/400 400V-6h  | 2CMA103490R1000 |            |                         |
|                     |        | 500     |           | 7    | CUMI-S4/400 500V-7h  | 2CMA103491R1000 |            |                         |
|                     |        | 690     |           | 5    | CUMI-S4/400 690V-5h  | 2CMA103492R1000 |            |                         |
|                     |        | 1000    |           | 1    | CUMI-S4/400 1000V-1h | 2CMA103493R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                      |                 |            |                         |
| 5                   | 400    | 230     | 50/60     | 9    | CUMI-S5/400 230V-9h  | 2CMA103494R1000 | 1          | 47.1                    |
|                     |        | 400     |           | 6    | CUMI-S5/400 400V-6h  | 2CMA103495R1000 |            |                         |
|                     |        | 500     |           | 7    | CUMI-S5/400 500V-7h  | 2CMA103496R1000 |            |                         |
|                     |        | 690     |           | 5    | CUMI-S5/400 690V-5h  | 2CMA103497R1000 |            |                         |
|                     |        | 1000    |           | 1    | CUMI-S5/400 1000V-1h | 2CMA103498R1000 |            |                         |



# Connector units

## with block contactor, CUBC

To ensure maximum safety for users, we can offer special connector units.

| Technical data  | Unit            | C-Line  |     | B-Line  |     |
|---|-----------------|---------|-----|---------|-----|
| Rated current   | A               | 200     | 250 | 250     | 400 |
| Rated voltage   | V               | 1000    |     | 1000    |     |
| Rated frequency   | Hz              | 50/60   |     | 50/60   |     |
| Withstand voltage (1 Min/50 Hz)                             | V               | 4000    |     | 4000    |     |
| Protection grade  |                 | IP55    |     | IP55    |     |
| Shock resistance  |                 | IK07    |     | IK07    |     |
| Ambient temperature   | °C              | -40/+70 |     | -40/+70 |     |
| Insulation resistance (Phase-phase and phase-earth)         | MOhm            | >500    |     | >500    |     |
| Comparative tracking index of the insert                    | CTI             | >600    |     | >600    |     |
| Weight 4 poles (3L+PEN)                                     | kg              | 25.1    |     | 45.6    |     |
| Weight 5 poles (3L+N+PE)                                    | kg              | 25.3    |     | 47.1    |     |
| Connection bolts for cable shoes                            |                 | M8      |     | M10     |     |
| Max cross section pilot cable, conductor (EN 60228 Class 1) | mm <sup>2</sup> | 4       |     | 4       |     |
| Diameter of cable - normal other diameters on request       | mm              | 20-70   |     | 20-70   |     |



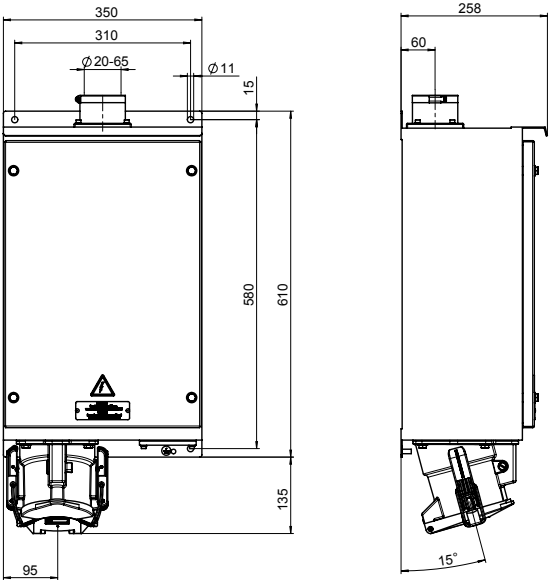
Connector unit with block contactor  
C-Line



CUBC-S5/200 400V

IP55  
Steel housing

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type              | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|-------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                   |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                   |                 |            |                         |
| 4                   | 200    | 230     | 50/60     | 9    | CUBC-S4/200 230V  | 2CMA103499R1000 | 1          | 25.1                    |
|                     |        | 400     |           | 6    | CUBC-S4/200 400V  | 2CMA103500R1000 |            |                         |
|                     |        | 500     |           | 7    | CUBC-S4/200 500V  | 2CMA103501R1000 |            |                         |
|                     |        | 690     |           | 5    | CUBC-S4/200 690V  | 2CMA103502R1000 |            |                         |
|                     |        | 1000    |           | 1    | CUBC-S4/200 1000V | 2CMA103503R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                         |
| 5                   | 200    | 230     | 50/60     | 9    | CUBC-S5/200 230V  | 2CMA103504R1000 | 1          | 25.3                    |
|                     |        | 400     |           | 6    | CUBC-S5/200 400V  | 2CMA103505R1000 |            |                         |
|                     |        | 500     |           | 7    | CUBC-S5/200 500V  | 2CMA103506R1000 |            |                         |
|                     |        | 690     |           | 5    | CUBC-S5/200 690V  | 2CMA103507R1000 |            |                         |
|                     |        | 1000    |           | 1    | CUBC-S5/200 1000V | 2CMA103508R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                   |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | CUBC-S4/250 230V  | 2CMA103509R1000 | 1          | 25.1                    |
|                     |        | 400     |           | 6    | CUBC-S4/250 400V  | 2CMA103510R1000 |            |                         |
|                     |        | 500     |           | 7    | CUBC-S4/250 500V  | 2CMA103511R1000 |            |                         |
|                     |        | 690     |           | 5    | CUBC-S4/250 690V  | 2CMA103512R1000 |            |                         |
|                     |        | 1000    |           | 1    | CUBC-S4/250 1000V | 2CMA103513R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                   |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | CUMI-S5/250 230V  | 2CMA103514R1000 | 1          | 25.3                    |
|                     |        | 400     |           | 6    | CUMI-S5/250 400V  | 2CMA103515R1000 |            |                         |
|                     |        | 500     |           | 7    | CUMI-S5/250 500V  | 2CMA103516R1000 |            |                         |
|                     |        | 690     |           | 5    | CUMI-S5/250 690V  | 2CMA103517R1000 |            |                         |
|                     |        | 1000    |           | 1    | CUMI-S5/250 1000V | 2CMA103518R1000 |            |                         |





## Connector unit with circuit breaker

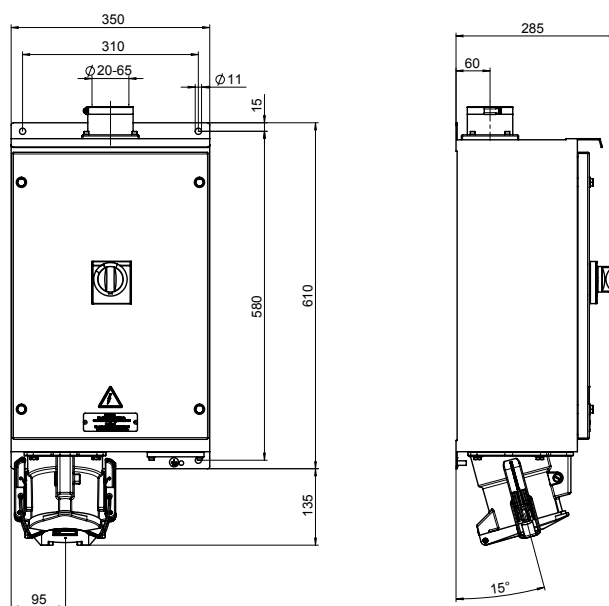
C-Line



CUCB-S5/200 400V

IP54  
Steel housing

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                  |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 200    | 230     | 50/60     | 9    | CUCB-S4/200 230V | 2CMA103539R1000 | 1          | 25.1                    |
|                     |        | 400     |           | 6    | CUCB-S4/200 400V | 2CMA103540R1000 |            |                         |
|                     |        | 500     |           | 7    | CUCB-S4/200 500V | 2CMA103541R1000 |            |                         |
|                     |        | 690     |           | 5    | CUCB-S4/200 690V | 2CMA103542R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 200    | 230     | 50/60     | 9    | CUCB-S5/200 230V | 2CMA103543R1000 | 1          | 25.3                    |
|                     |        | 400     |           | 6    | CUCB-S5/200 400V | 2CMA103544R1000 |            |                         |
|                     |        | 500     |           | 7    | CUCB-S5/200 500V | 2CMA103545R1000 |            |                         |
|                     |        | 690     |           | 5    | CUCB-S5/200 690V | 2CMA103546R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | CUCB-S4/250 230V | 2CMA103547R1000 | 1          | 25.1                    |
|                     |        | 400     |           | 6    | CUCB-S4/250 400V | 2CMA103548R1000 |            |                         |
|                     |        | 500     |           | 7    | CUCB-S4/250 500V | 2CMA103549R1000 |            |                         |
|                     |        | 690     |           | 5    | CUCB-S4/250 690V | 2CMA103550R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | CUCB-S5/250 230V | 2CMA103551R1000 | 1          | 25.3                    |
|                     |        | 400     |           | 6    | CUCB-S5/250 400V | 2CMA103552R1000 |            |                         |
|                     |        | 500     |           | 7    | CUCB-S5/250 500V | 2CMA103553R1000 |            |                         |
|                     |        | 690     |           | 5    | CUCB-S5/250 690V | 2CMA103554R1000 |            |                         |



Connector unit with circuit breaker

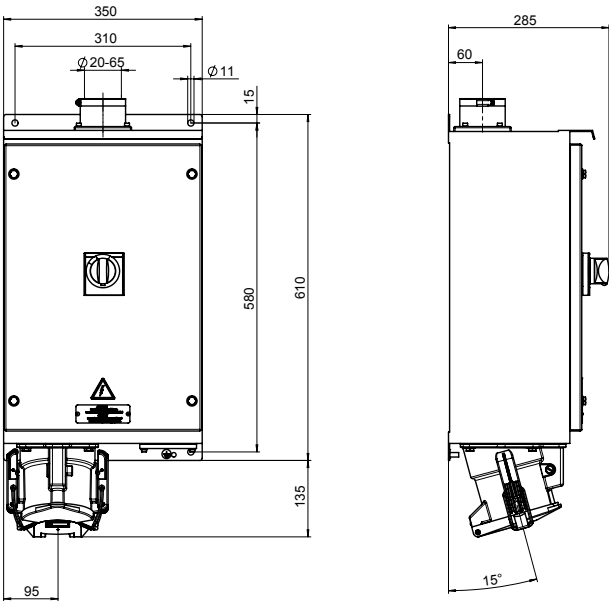
B-Line



CUCB-S5/250 400V

IP54  
Steel housing

| Terminals/<br>Poles | Ampere | Voltage | Frequency | Hour | Type             | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce) |
|---------------------|--------|---------|-----------|------|------------------|-----------------|------------|-------------------------|
|                     | A      | V       | Hz        |      |                  |                 |            | kg                      |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 250    | 230     | 50/60     | 9    | CUCB-S4/250 230V | 2CMA103555R1000 | 1          | 45.6                    |
|                     |        | 400     |           | 6    | CUCB-S4/250 400V | 2CMA103556R1000 |            |                         |
|                     |        | 500     |           | 7    | CUCB-S4/250 500V | 2CMA103557R1000 |            |                         |
|                     |        | 690     |           | 5    | CUCB-S4/250 690V | 2CMA103558R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 250    | 230     | 50/60     | 9    | CUCB-S5/250 230V | 2CMA103559R1000 | 1          | 47.1                    |
|                     |        | 400     |           | 6    | CUCB-S5/250 400V | 2CMA103560R1000 |            |                         |
|                     |        | 500     |           | 7    | CUCB-S5/250 500V | 2CMA103561R1000 |            |                         |
|                     |        | 690     |           | 5    | CUCB-S5/250 690V | 2CMA103562R1000 |            |                         |
| 3L+PEN              |        |         |           |      |                  |                 |            |                         |
| 4                   | 400    | 230     | 50/60     | 9    | CUCB-S4/400 230V | 2CMA103563R1000 | 1          | 45.6                    |
|                     |        | 400     |           | 6    | CUCB-S4/400 400V | 2CMA103564R1000 |            |                         |
|                     |        | 500     |           | 7    | CUCB-S4/400 500V | 2CMA103565R1000 |            |                         |
|                     |        | 690     |           | 5    | CUCB-S4/400 690V | 2CMA103566R1000 |            |                         |
| 3L+N+PE             |        |         |           |      |                  |                 |            |                         |
| 5                   | 400    | 230     | 50/60     | 9    | CUCB-S5/400 230V | 2CMA103567R1000 | 1          | 47.1                    |
|                     |        | 400     |           | 6    | CUCB-S5/400 400V | 2CMA103568R1000 |            |                         |
|                     |        | 500     |           | 7    | CUCB-S5/400 500V | 2CMA103569R1000 |            |                         |
|                     |        | 690     |           | 5    | CUCB-S5/400 690V | 2CMA103570R1000 |            |                         |



# Industrial plugs and sockets

## Outlet Units

Increased comfort and lower fuel consumption are two major benefits of engine and car heaters. ABB car heating systems also offer improved energy utilisation and lower electricity costs. Frequent use of the engine heater offers major environmental benefits.



Outlet Units

Complete units and enclosures



CW 200



CWL 00

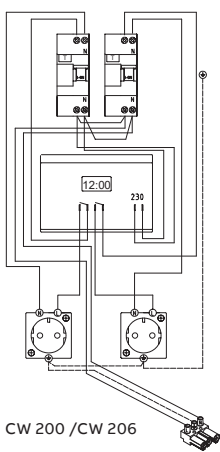


CWA1 / CW 200 / CW 206

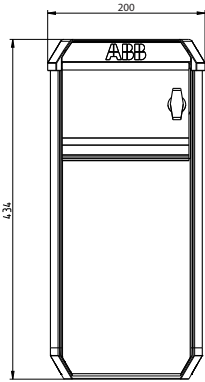
IP44  
Standards: EN 60 439-1, -3 Connection: 5 x (2x16) mm<sup>2</sup>

|   | Type   | Order Code      | Pkg | Weight     |
|---|--------|-----------------|-----|------------|
|   |        |                 | qty | pkg (1pce) |
|   |        |                 |     | kg         |
| Complete units  |        |                 |     |            |
| 2xSchuko,2x RCBO,DS2016kA,1P+N,A,C10,30mA, Electronic clock | CW 200 | 2CMA177283R1000 | 1   | 5.6        |
| 2xSchuko,2x RCBO,DS2016kA,1P+N,A,C6,30mA, Electronic clock  | CW 206 | 2CMA177449R1000 | 1   | 5.6        |

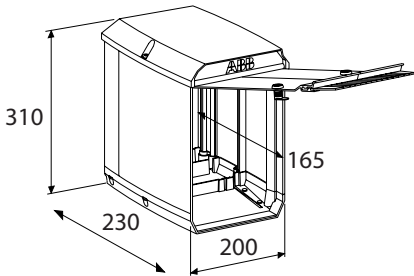
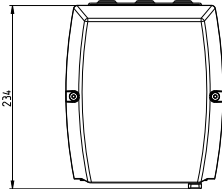
|                                     | Type            | Order Code      | Pkg | Weight     |
|-------------------------------------|-----------------|-----------------|-----|------------|
|                                     |                 |                 | qty | pkg (1pce) |
|                                     |                 |                 |     | kg         |
| Enclosures                          |                 |                 |     |            |
| Terminal and quick connection incl. | CWL 00 (1400mm) | 2CMA177756R1000 | 1   | 21         |
| Terminal and quick connection incl. | CWA1 (310 mm)   | 2CMA177358R1000 | 1   | 3.7        |
| Terminal and quick connection incl. | CWFT (434mm)    | 2CMA104320R1000 | 1   | 4.0        |



CW 200 / CW 206



CWFT



CWA1 / CW 200 / CW 206



CWL 00 open

# Outlet units

## Inserts and Parts



CWC1



CWC4



CWB9 / CWB10



CWB22 / CWB23



CWE1



CWF 5x16



Schuko socket



Lock with keys

IP44  
Standards: EN 60 439-1, -3

| Type  |                         | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|---|-------------------------|-----------------|------------|-------------------------------|
| Flange  |                         |                 |            |                               |
| For pole                                      | CWC1 FLANGE GRAY 2xFL13 | 2CMA177392R1000 | 1          | 0.5                           |
|   | CWC4 WALL MOUNT FL13    | 2CMA177391R1000 |            |                               |
| Insert suitable for enclosure CWA1, CWL, CWFT |                         |                 |            |                               |
|   | CWB9 INSERT             | 2CMA177373R1000 | 1          | 1.9                           |
|   | CWB10 INSERT            | 2CMA177374R1000 |            |                               |
|   | CWB22 INSERT            | 2CMA177386R1000 |            |                               |
|   | CWB23 INSERT            | 2CMA177387R1000 |            |                               |
| Spare parts                                   |                         |                 |            |                               |
| Electronic clock                              | CWE1 ELECTRONIC CLOCK   | 2CMA177472R1000 | 1          | 0.3                           |
| Terminals                                     | CWF5x16                 | 2CMA177265R1000 |            |                               |
| Outlet 230V                                   | SCHUKO OUTLET BVU       | 2CMA177490R1000 |            |                               |
| Lock  | LOCK WITH KEYS          | 2CMA177433R1000 |            |                               |

## Junction Boxes

IP67

Impact resistant junction boxes made of aluminium alloy and painted gray. The boxes come with lid, gasket and screws. They are equipped with 4-pole terminal blocks, earth screws and complete cable glands.



LD5

## Junction Boxes

IP67



LD2



LD7



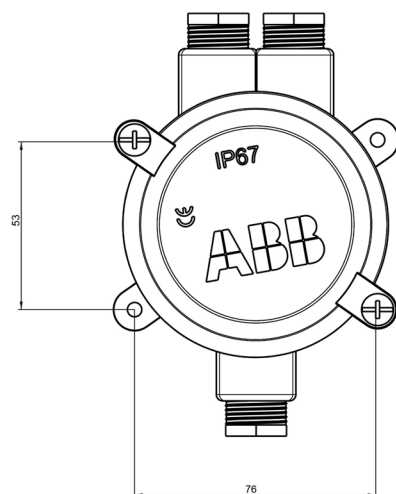
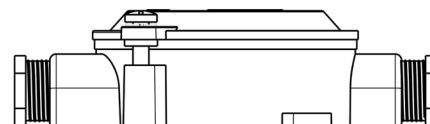
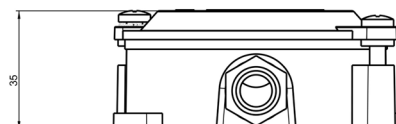
LD17



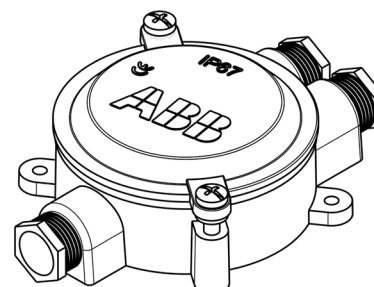
LDS-4

Impact resistant junction boxes made of aluminium alloy and painted gray. The boxes come with lid, gasket and screws. They are equipped with 4-pole terminal blocks, earth screws and complete cable glands. 500V  
LD max. conductor cross section 2.5 mm<sup>2</sup>. Conduit PR 18,6  
LDS max. conductor cross section 4 mm<sup>2</sup>. Conduit PR 22,5

| Number of<br>Conduits | Height<br>mm | Conduits |            | Type   | Order Code      | Pkg<br>qty | Weight<br>pkg<br>(1pce)<br>kg |
|-----------------------|--------------|----------|------------|--------|-----------------|------------|-------------------------------|
|                       |              | Up/Down  | Left/Right |        |                 |            |                               |
| 2                     | 35           | 1/1      | 0/0        | LD2    | 2CMA136530R1000 | 5          | 0.21                          |
| 3                     | 35           | 1/1      | 0/1        | LD4    | 2CMA136531R1000 |            |                               |
| 3                     | 35           | 2/1      | 0/0        | LD5    | 2CMA136532R1000 |            |                               |
| 5                     | 35           | 2/2      | 1/0        | LD7    | 2CMA136534R1000 |            |                               |
| 4                     | 35           | 2/2      | 0/0        | LD10   | 2CMA136535R1000 |            |                               |
| 6                     | 35           | 2/2      | 1/1        | LD11   | 2CMA136536R1000 |            |                               |
| 5                     | 35           | 2/1      | 1/1        | LD17   | 2CMA136539R1000 |            |                               |
| 4                     | 35           | 1/3      | 0/0        | LD20   | 2CMA136540R1000 |            |                               |
| 2                     | 42           | 1/1      | 0/0        | LDS-2  | 2CMA136541R1000 | 5          | 0.24                          |
| 3                     | 42           | 1/1      | 0/1        | LDS-4  | 2CMA136542R1000 |            |                               |
| 3                     | 42           | 2/1      | 0/0        | LDS-5  | 2CMA136543R1000 |            |                               |
| 4                     | 42           | 2/2      | 0/0        | LDS-10 | 2CMA136544R1000 |            |                               |
| 5                     | 42           | 2/1      | 1/1        | LDS-17 | 2CMA136545R1000 |            |                               |



LD5





—  
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