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RELAY SELECTION GUIDE- MICOM P111 VS MICOM P153



SYSTEM CONTROLS & SWITCHGEARS



Online Solutions for Electrical Needs



Overview

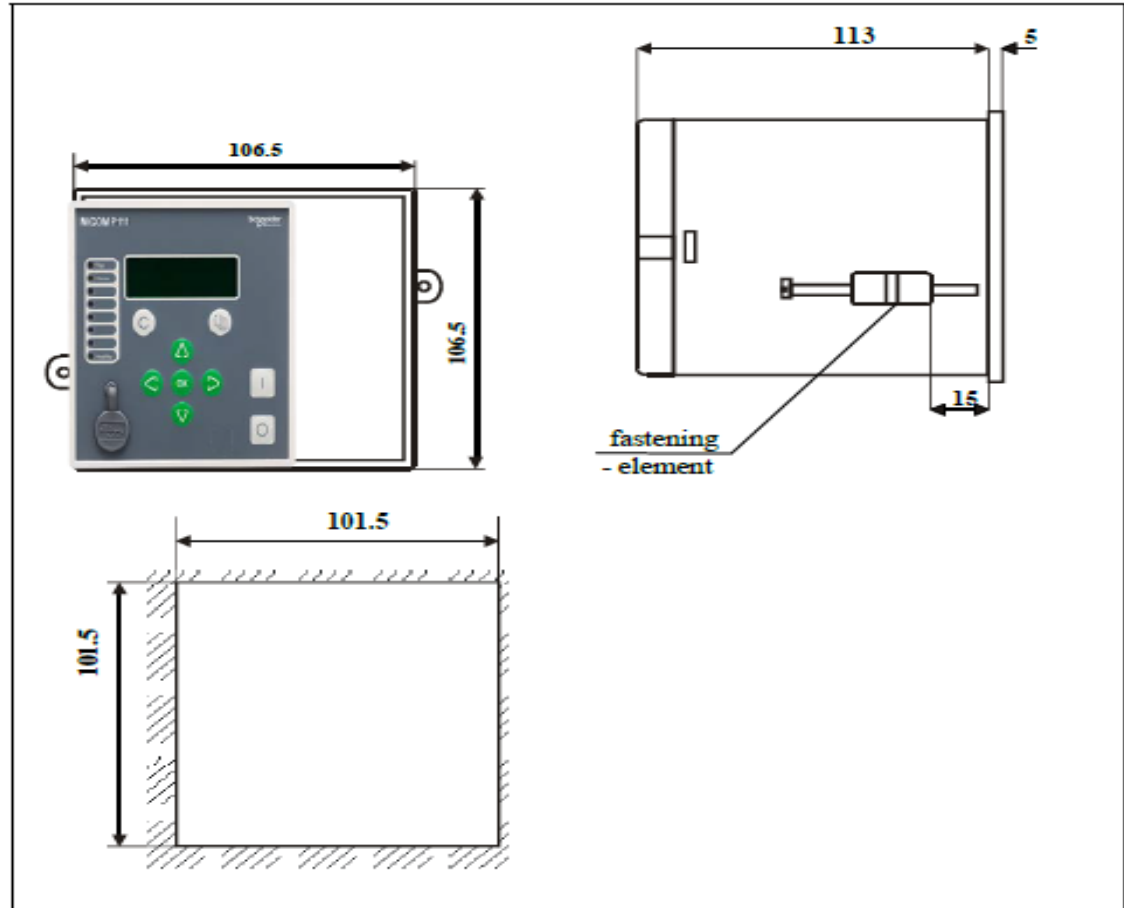
System controls & switchgears is one of the fastest growing companies in India. Established in 1983, a privately owned company has unrivalled experience in the distribution of electrical products. SCS business covers a broad range of Medium Voltage Switchgears, Low Voltage Switchgears, Power Capacitors, Internal wiring accessories, Lighting, Metal Detectors, Energy Management Products and other products. Over the last 3 decades history, we've developed strong relationships with customers. Our strength lives in all of our people, who have extended our tradition of service and integrity to customers in every location and situation, and who take pride in making us one of the most resilient resources in the products we deal.

OLD RELAY- MICOM P111



Design Flush mounting case

Weight approx. 0.5 kg

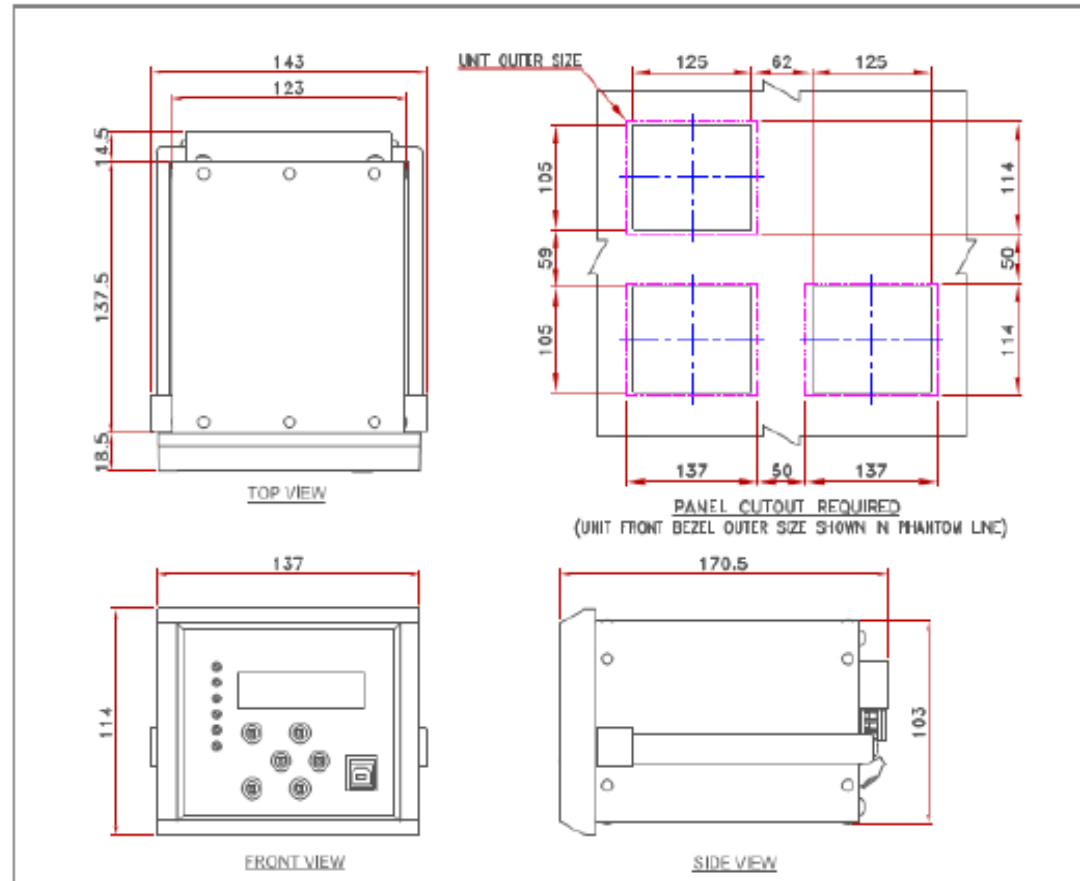


NEW RELAY- MICOM P153



Design -Flush mounting case

Weight -1.9 Kg approximate



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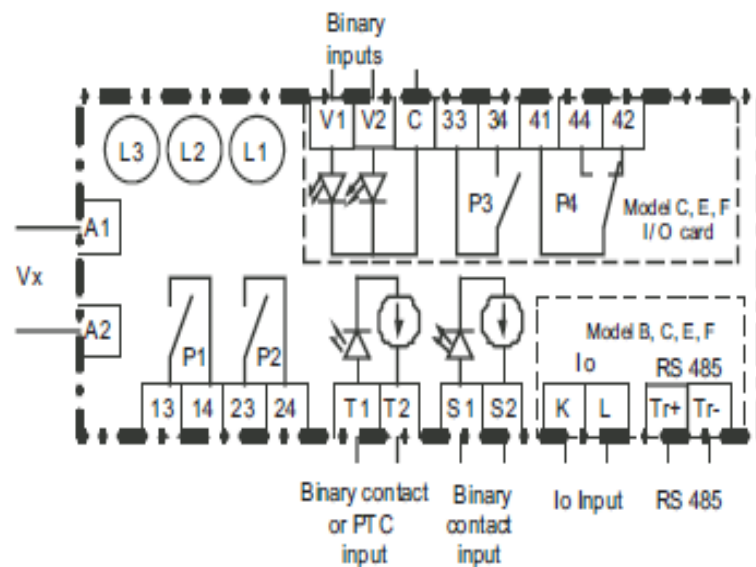
Functions overview RELAY- MICOM P111		Models				
		A	B	C	E	F
50/51	Three-phase overcurrent I>> (DT)	•	•	•	•	•
50/51	Three-phase overcurrent I> (DT or IDMT)	•	•	•	•	•
50/51	Three-phase overcurrent I _p > (DT or IDMT)	•	•	•	•	•
50N/51N	Earth fault (single phase) overcurrent I _o > (DT or IDMT)		•	•	•	•
50N/51N	Earth fault (single phase) overcurrent I _o >> (DT or IDMT)		•	•	•	•
38	Input for PTC sensor	•	•	•	•	•
	External protection trip (via binary input)	•	•	•	•	•
	CB or contactor control; Local (via input) / Remote			•	•	•
86	Output relay latching	•	•	•	•	•
	Relay maintenance mode			•	•	•
	Setting groups (front panel, remote or inputs)	1	2	2	2	2
	Measurements	•	•	•	•	•
	Expanded setting range				•	•
	Fault records (3 most recent)	•	•	•	•	•
	Events records				•	
	Binary inputs/outputs relays	2/2	2/2	4/4	4/4	4/4
	AC current/voltage inputs	3/0	4/0	4/0	4/0	4/0
	Modbus RTU (rear port RS485)		•	•	•	
	Setting software MiCOM S1 (rear port RS485)		•	•	•	

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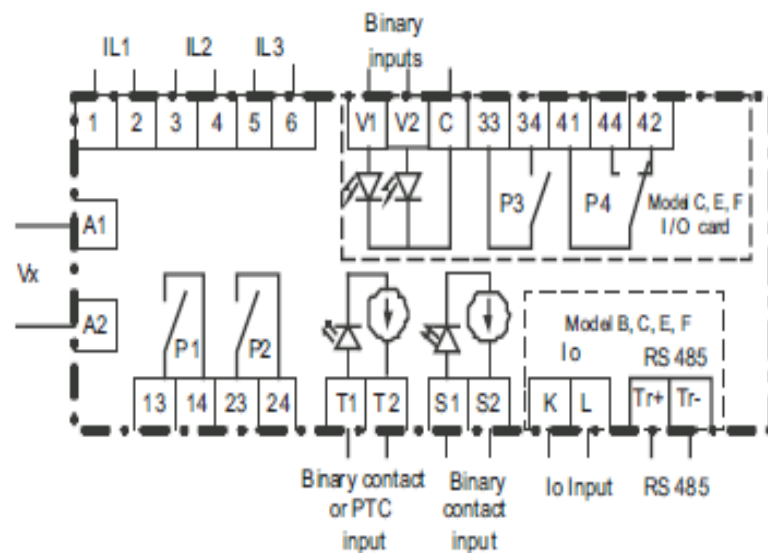


ANSI	Function Overview	RELAY- MICOM P153	Feeder
	Protection		P153
50	Definite time overcurrent		•
50N	Neutral / Earth definite time overcurrent		•
51	IDMT overcurrent		•
51N	Neutral / Earth IDMT overcurrent		•
68	Inrush blocking		•
49	Thermal overload		•
37	Undercurrent detection/Loss of load		•
46	Negative sequence overcurrent		•
46BC	Broken conductor		•
50BF	Circuit breaker fail		•
CLP	Cold load pick-up		•
86	Latching of output contacts (Lock out)		•
	Control Functions		
74	Trip circuit supervision		•
	Watchdog function, Self monitoring & diagnostics		•
	Test / Commissioning facilities		•
	HMI		
	Back-lit LCD display		•
	6 x Touch keys / 6 x Status LEDs		•
	Communication		
	USB port		•
	Modbus / IEC 60870-5-103 (RS485)		•

OLD RELAY- MICOM P111

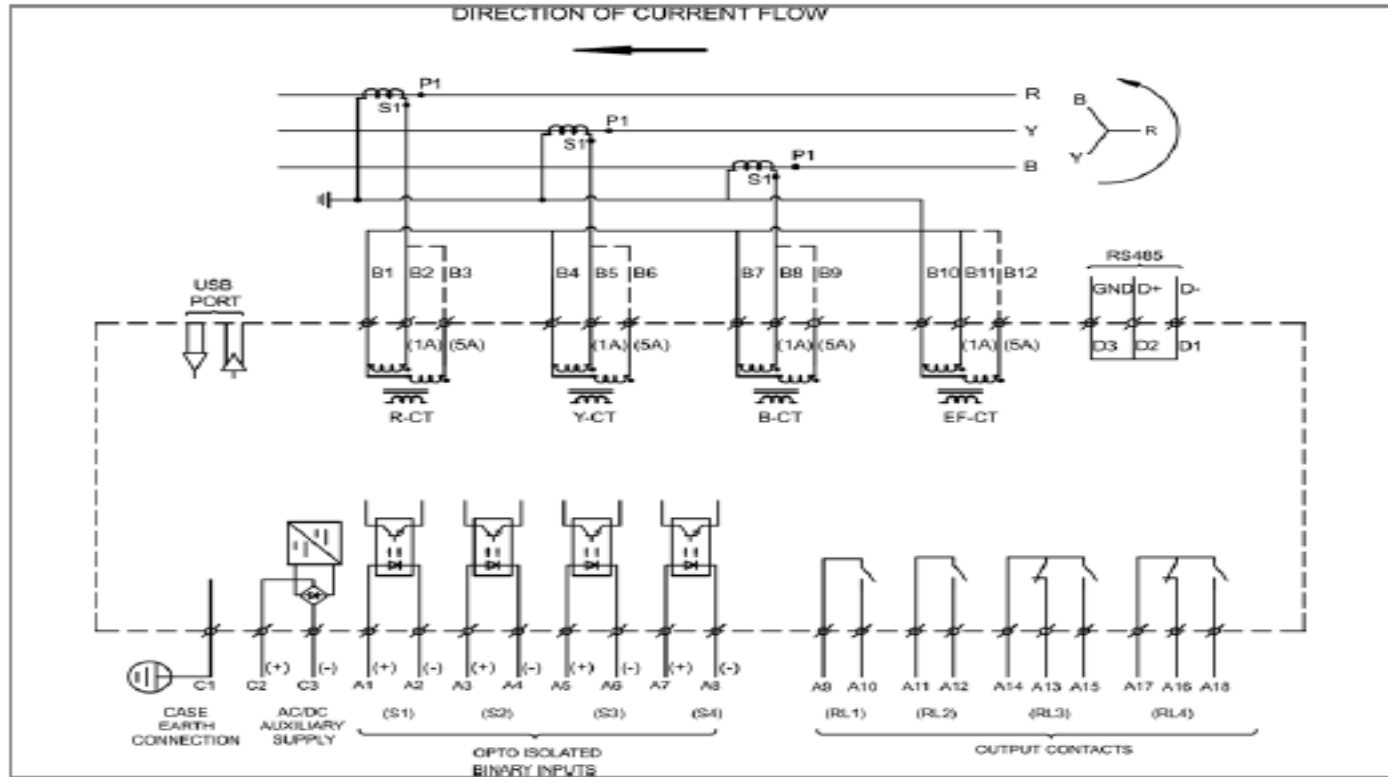


35mm DIN rail case



Flush mounted case

NEW RELAY- MICOM P153



❖ Disclaimer:-

Info given herein is for ease of understanding. Customized tech info is for specific purpose SCS suggests you to take confirmation on technical details from GE experts SCS does not take responsibility or claim this will suit your needs.



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