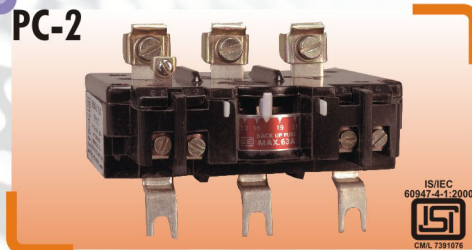
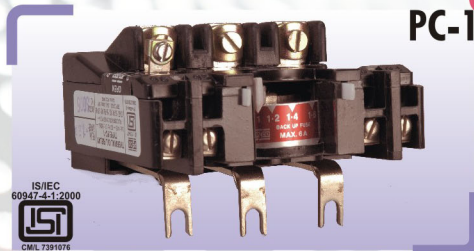
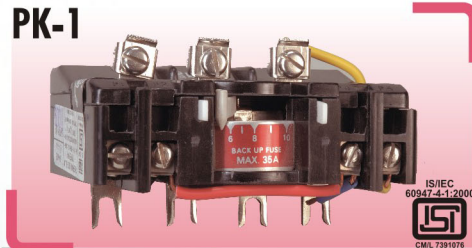




THERMAL OVERLOAD RELAY

Type : PK-1, PC-1, PC-2/3

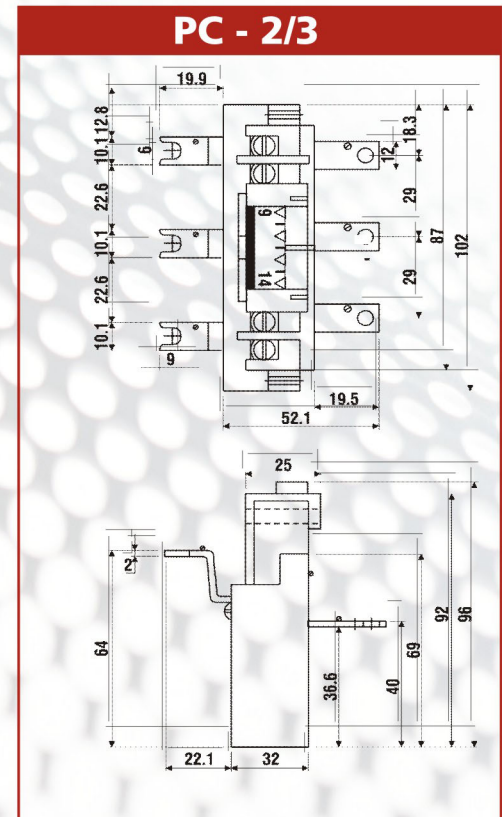
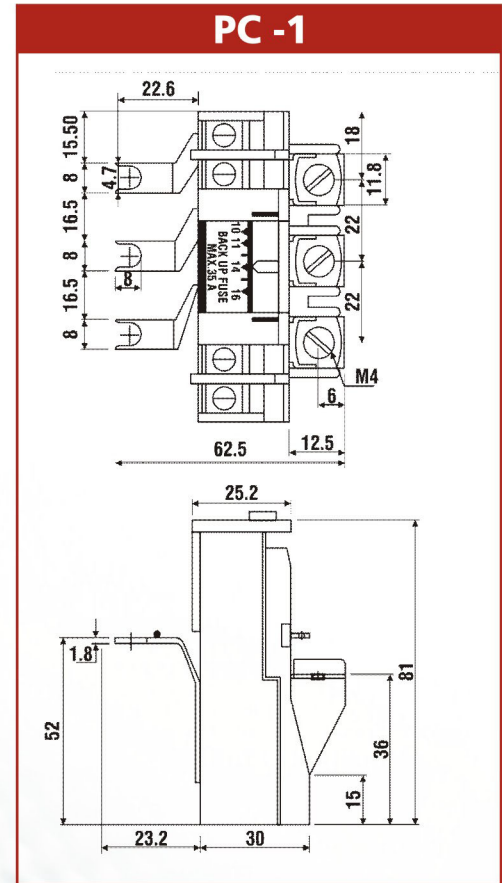


SALIENT FEATURES

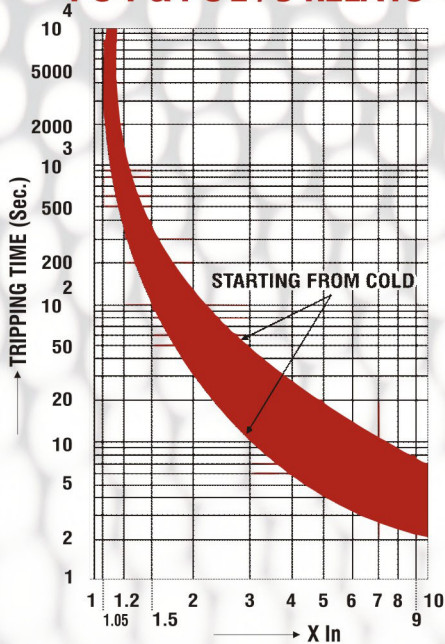
- All relays are bearing a ISI mark as per IS/IEC 60947-4-1: 2000
- Relays cover full range of current
 - PK-1 : 2.5 A TO 14 A
 - PC-1 : 1 A TO 18 A
 - PC-2/3 : 9 A TO 42 A
- Satisfactory operation at all ambient temperatures from -5°C to 55°C. with help of ambient temperature compensating device.
- PK-1, PC-1, PC-2/3 relays are Manual reset type.
- Relays are provided with Aux. contacts having thermal capacity of 6A and 2A, AC-15 at 415V, 50Hz.
- These relays are suitable for direct mounting on our type PC contactors.
- PK-1, PC-1 and PC-2/3 relays are suitable for trip class of 10A as per IS/IEC 60947-4-1 : 2000
- Compact but most reliable design.

TECHNICAL DETAILS OF THERMAL OVERLOAD RELAYS

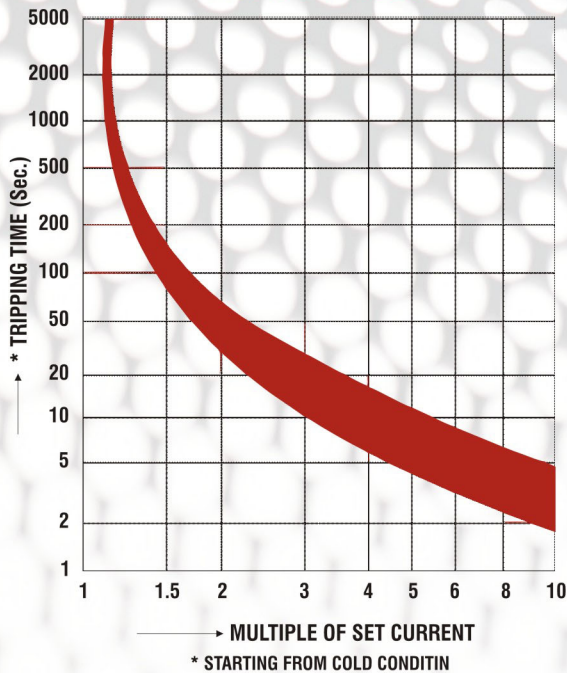
RELAY TYPE	PK-1	PC-1	PC 2/3
Cat No.	PC 21400	PC 21402 A-G	PC 21404 A-D
RELAY SETTING RANGES (AMP)	2.5-4, 4-6.5 6-10, 9-14	1-1.6, 1.5-2.5 2.5-4, 4-6.5 6-10, 10-16 11-18	9-14, 13-21 20-32, 28-42
TRIP CLASS	10 A	10 A	10 A
SYSTEM VOLTAGE	415 V A.C.	415 V A.C.	415 V A.C.
	50 Hz	50 Hz	50 Hz
INSULATION VOLTAGE (Ui)	500 V	500 V	500 V
RATED IMPULSE VOLTAGE (Uimp)	6 KV	6 KV	6 KV
NUMBER OF POLES	3	3	3
AMBIENT TEMPERATURE COMPENSATION	PROVIDED	PROVIDED	PROVIDED
WORKING TEMPERATURE RANGE	-5° C TO 55° C	-5° C TO 55° C	-5° C TO 55° C
AUX. CONTACTS (BUILT IN)	1-ON (Start) 1-OFF/RESET (NC)	1-ON (Start) 1-OFF/RESET (NC)	1-ON (Start) 1-OFF/RESET (NC)
RATING OF AUX. CONTACTS :			
THERMAL CURRENT (Ith)	6 A	6 A	6 A
OPERATIONAL CURRENT for AC-15 duty AT 220/415 V A.C.	3 A / 2 A	3 A / 2 A	3 A / 2 A
TERMINAL CAPACITY :			
1. MAIN TERMINALS WITH LUGS	2 Nos x 4 Sq.mm	2 Nos x 6 Sq.mm	2 Nos x 25 Sq.mm
2. AUX. TERMINALS W/O LUGS	2.5 Sq.mm	2.5 Sq.mm	2.5 Sq.mm
APPRO. WEIGHT (gms)	230	230	340
Suitable for Contactors	PK-1	PC-0/PC-1/PC1.5	PC-2/PC-3



PC-1 & PC-2 / 3 RELAYS



PK-1 RELAYS



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