

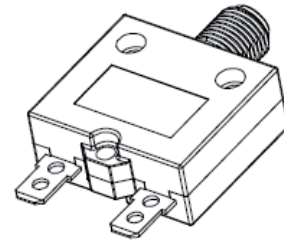
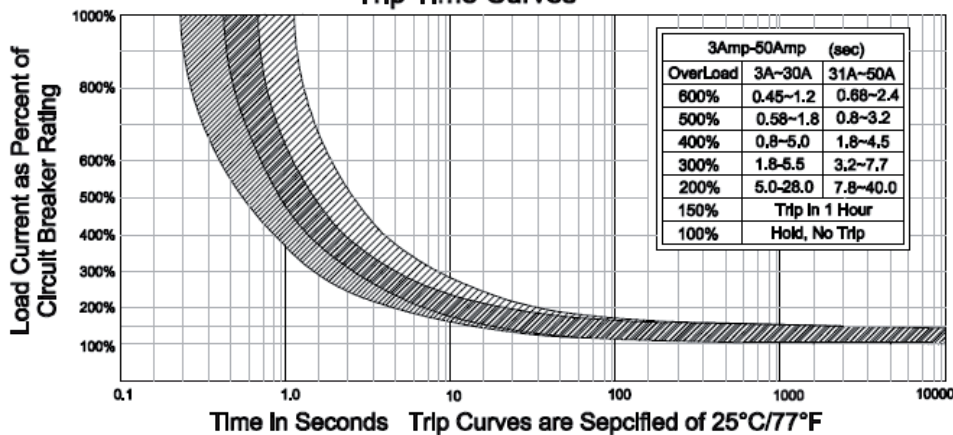
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PROTEZIONI TERMICHE SERIE SM70xx

Rating: 3~50A 125/250Vac 32Vdc
Interruption Capacity: 1000AmpX125Vac 200AmpX250Vac
Dielectric Strength: 1500Vac X 1Minute
Resettable Overload Capacity: 6 Time Rated Current
Voltage Drop: Less Than 0.25V
Insulation Resistance: >500 M ohm
Reset Time: Within 60sec
Temperature Rise at Terminal Block: Less than 65°C at 100% of rated current applied continuously
Contact Endurance: 125Vac X150% of rated current >500 cycles
Approvals: CUL 3A~50A 125/250Vac
TUV 3A~30A 125/250Vac 32Vdc
CCC 3A~30A 125/250Vac
Complies with Rohs
With UL 1500 Ignition Protected

**Trip Time Curves**

Max.Internal Resistance	
Amp rating	Max resistance
3-5 A	<0.225 Ohms
6-8 A	<0.175 Ohms
9-11 A	<0.125 Ohms
12-13 A	<0.050 Ohms
14-17 A	<0.040 Ohms
18-24 A	<0.030 Ohms
25-35 A	< 0.020 Ohms
36-50 A	< 0.010 Ohms

Ambient temperature	-10°C	0°C	10°C	25°C	35°C	40°C	50°C	60°C
Multiplication factor	*1.30	*1.20	*1.10	1.00	*0.94	*0.85	*0.73	*0.68

The time/current characteristic curve depends on the ambient temperature prevailing. In order to eliminate nuisance tripping, please multiply the current breaker current ratings by the derating factor shown below.

Example :

Normal Continuous Current =10A
Ambient Temperature = 45°C
Multiplication Factor = 0.85
Recommended Rating= 10A/0.85=11.8A
Select the Nearest Rating = 12A



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