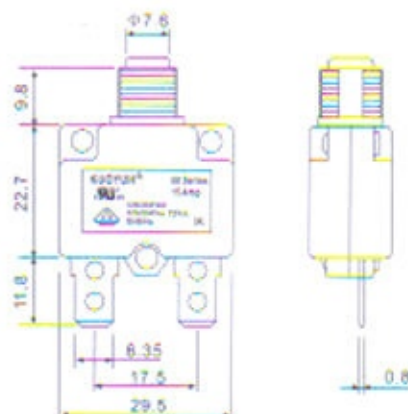




88 Series



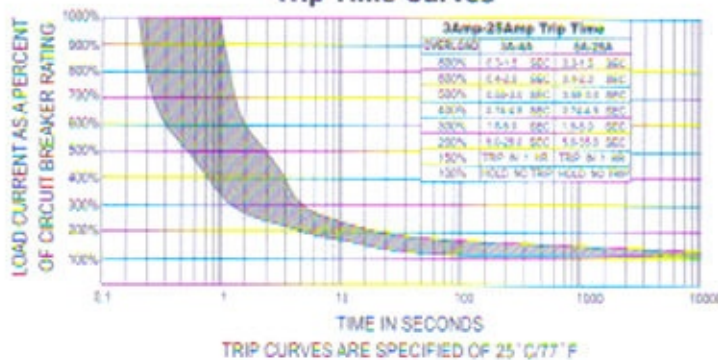
Engineering Information:

- Rating: 3Amp-25Amp
- Input Power: 125/250Vac 50Vdc 50-60Hz
- Interrupting Capacity: 1,000Amp $\times$ 125Vac 200Amp $\times$ 250Vac
- Dielectric Strength: 1,500Vac 1 minute
- Resettable Overload Capacity: 10 times rated current
- Voltage Drop: Less than 0.25V
- Insulation Resistance: >500 Megaohms
- Reset Time: Within 60 seconds
- Temperature Rise at Terminal Block: Less than 65°C at 100% of rated current applied continuously at 25°C
- Contact Endurance: 125Vac $\times$ 150% of rated current >500 Cycles

Calibration (at 25°C)

- 100% of rated current: Hold, No-Trip
- 135% of rated current: Trip in 1 Hour
- 200% of rated current: 5-25 seconds Trip
- 300% of rated current: 1.6-4.8 seconds Trip

Trip Time Curves



Max Resistance V.S. Current Rating at 25°C

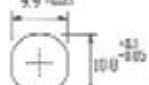
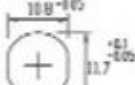
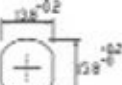
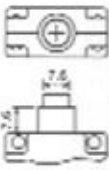
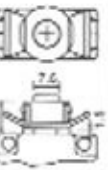
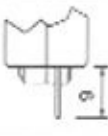
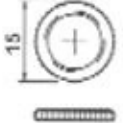
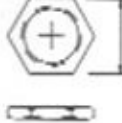
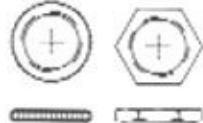
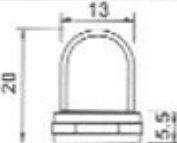
Current Rating in Amp	Maximum Resistance in ohms
3-4 Amp	<0.05
5-6 Amp	<0.04
7-8 Amp	<0.025
9-11 Amp	<0.02
12-13 Amp	<0.01
14-16 Amp	<0.008
17-25 Amp	<0.007

Derating Factor

Temperature	Rating Amp
60 °C	X 0.6
50 °C	X 0.7
40 °C	X 0.8
30 °C	X 0.9
25 °C	X 1.0
20 °C	X 1.1
10 °C	X 1.3
0 °C	X 1.5



88 Series

Panel Hole	No Pitch 	M11XP1.0 	M12XP1.0 	PL 	Snap In 	No Pitch PX 			
Bushing Type	Plastic						Metal		AUTO RESET AR
	M11XP1.0 P1	M12XP1.0 P2	No Pitch P0	NO PITCH PL	Snap In PS	No Pitch PX	M11XP1.0 A1	M11XP1.0 B1	
									
Terminal Type	Straight 1	90° bend 2	90° bend backward 3	Load Pin 4	Line Pin 5	Straight 6	90° bend and backward 7	Straight PX	
									
	250 Tab 11.8	3.2	3.2			9	3.2	3.2	
Mounting Cap Nut	Metal						Plastic		
	A		B		C=A+B		P		
	Knurlnut 		Hexnut 		Knurlnut Hexnut 		Integrated Knurlnut 		
Waterproof	M11XP1.0 R	M11XP1.0 F	Nameplate Type		Black B		White W		
									
	20				24.0 ± 0.1		24.0 ± 0.1		

88 - 15 - P1

Series

Rating

Bushing

B

Button

1

Terminal

3

Voltage

-

P

Mounting Cap. Nut

0

Water Proof

0

Nameplate

03= 3Amp
04= 4Amp
05= 5Amp
06= 6Amp

18=18Amp
25=25Amp

B=Black
W=White
R=Red
1=Black W/Ver White Print

3-125/250Vac UL
4-125/250Vac UL V0E

0=None
R R
F=F

0=None
B Silver printing on black
W=Black printing on white