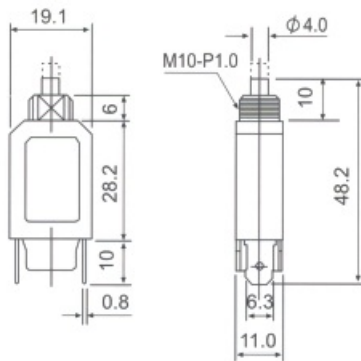


# SHINE CIRCUIT BREAKER SERIES

## 88A Series



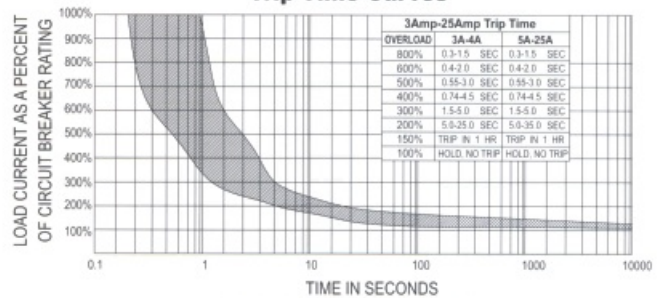
### Engineering Information:

Rating: 3A-25A  
 Input Power: 125/250Vac 50Vdc 50/60Hz  
 Interrupting Capacity: 125Vac X 1,000Amp  
 250Vac X 200Amp  
 Dielectric Strength: 1,500Vac 1 minute  
 Resettable Overload Capacity: 10 times rated current  
 Voltage Drop: Less than 0.25V  
 Insulation Resistance: >500 M ohms  
 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 X 150% of rated current >500 Cycles

### Calibration (at 25°C)

100% of rated current: Hold, No-Trip  
 150% of rated current: Trip in 1 Hour  
 200% of rated current: Within 40 seconds  
 300% of rated current: Within 10 seconds

### Trip Time Curves



TRIP CURVES ARE SPECIFIED OF 25 °C/77 °F

Max Resistance V.S. Current Rating at 25 °c	
Current Rating in Amp	Maximun 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

### ORDERING GUIDE :

88A - 20  
 Series 03=3A  
 04=4A  
 ?  
 25=25A