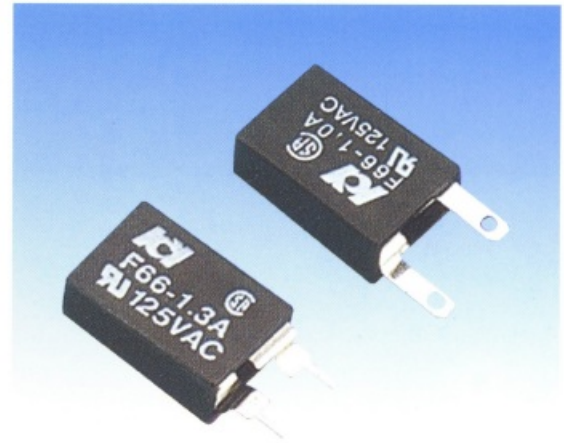


SHINE CIRCUIT BREAKER SERIES

F66 Series

Engineering Information:

- Rating: 0.5A-5.0A
- Input Power: 125Vac 12Vdc
- Interrupting Capacity: 200Amp
- Dielectric Strength: 1,500Vac 1 minute
- Endurance Cycling: Over 6,000times at 200% pf rated load
- Voltage Drop: Less than 0.25V
- Reset Time: 200%of rating current within 50 seconds
150%of rating current within 5 seconds
- Insulation Resistance: >500 Megaohms
- Terminal Type: Printed circuit board pins
2.8mm quick connects, straight or 90 bent

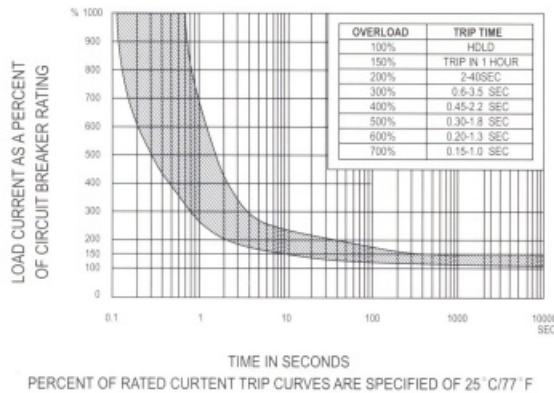
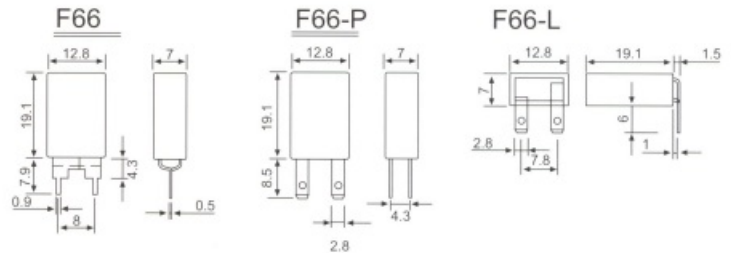


Calibration (at 25°C)

- 0.5Amp-1.3Amp
- 100% of rated current: Hold, No-Trip
- 150% of rated current: Trip within 1 Hour
- 200% of rated current: Trip within 40 seconds
- 300% of rated current: Trip within 4.0 seconds

1.4Amp-5.0Amp

- 100% of rated current: Hold, No-Trip
- 150% of rated current: Trip within 1 Hour
- 200% of rated current: Trip within 45 seconds
- 300% of rated current: Trip within 4.5 seconds



Max Resistance V.S. Current Rating at 25°C	
Current Rating in Amp	Maximum Resistance (ohms)
0.5-1.0	< 0.700
1.1-1.3	< 0.065
1.4-2.2	< 0.100
2.2-2.75	< 0.075
3.0-3.75	< 0.060
4.0-5.0	< 0.050

Derating Factor	
Temperature	Rating Amp
10 °C	X 1.15
15 °C	X 1.12
20 °C	X 1.18
25 °C	X 1.00
35 °C	X 0.92
45 °C	X 0.86
55 °C	X 0.78
65 °C	X 0.70
75 °C	X 0.61

ORDERING GUIDE :

- F66 — 1.5A — P
 Series 0.5=0.5A O=P.C.B. Type
 0.6=0.6A P=2.8mm Quick connects, straight
 L=2.8mm Quick connects, 90° Bent
 4.0=4.0A
 5.0=5.0A