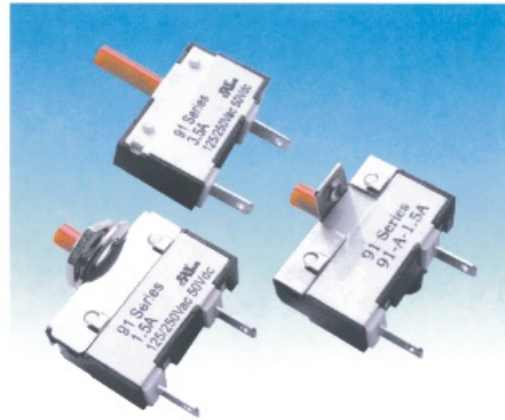


SHINE CIRCUIT BREAKER SERIES

91 Series

Engineering Information:

Rating: 1.0A-10.0Amp
 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: 6 times rated current
 Voltage Drop: Less than 0.25V
 Insulation Resistance: >500 M ohms
 Reset Time: Push To Reset
 (Within 20 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: 3-30 seconds trip
 300% of rated current: 0.5-4.0 seconds Trp

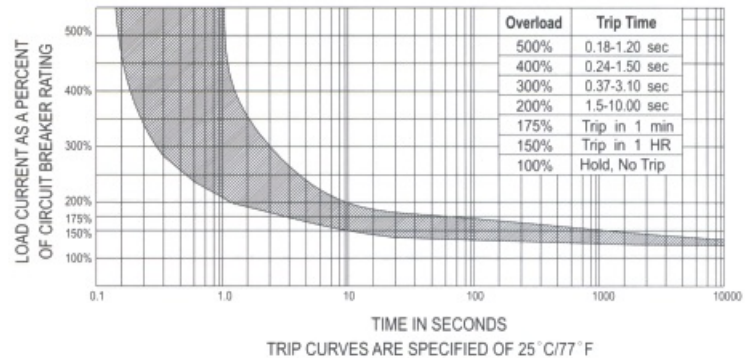
Ambient Temperature Correction Factor

	0°C	10°C	20°C	25°C	30°C	40°C	50°C	60°C
91 Series	X1.4	X1.3	X1.1	X1.0	X0.9	X0.7	X0.6	X0.5

Max. Internal Resistance

1.0-2.0Amp	0.125 ohm
2.1-3.0Amp	0.105 ohm
3.1-3.7Amp	0.075 ohm
3.8-5.0Amp	0.055 ohm
5.1-7.0Amp	0.045 ohm
7.1-10.0Amp	0.040 ohm

Trip Time Curves



91 Series Order Guide

91 - B M - 2.5A

