

Specification Data

Current Rating	3 ~ 50A		
Input Voltage Rating	12/24 VDC; 14/28 VDC		
Contact Endurance	125VacX150% of rated current>500cycles		
	125VacX200% of rated current>200cycles		
Insulation Resistance	>100MOHM (DC 500V)		
Dielectric Strength	>1,400VAC/min.		
Breakering Capacity	4 times rated current		
Interrupting Capacity	2,500 Ampere at 12VDC		
Housing	Thermal plastic UL rated 94V0		
Operating Temperature	14°F to 140°F		
Storage Temperature	-40°F to 212°F		
Terminal Type	#10-32 thread and 0.25" quick-connect		
Circuit Breaker Type	Single Pole; Auto-Reset , Manual-Reset.		
Standard	UL1077 Compliance SAE J553; UL1500		

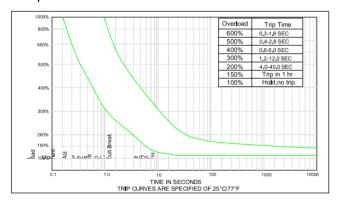
Trip Time Curves

Trip Time

100% of rated current: Hold, no trip

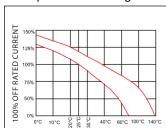
150% of rated current: Trip within 60 minutes. 200% of rated current: Trip in 4-40 seconds. 300% of rated current: Trip in 1.2-12 seconds.

• Trip Time Curves



Temp Derating Curves

3~50A Trip Curves • Temperature Derating Curves



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.

Ambient Temperaure	-10°C	0°C	10°C	25°C	40°C	50°C	60°C	
Mulitiplication Factor	1.25	1.15	1.05	1.00	0.9	8.0	0.7	

Mounting Style





Parts #: 8700-XX-1 -XX- for Amp Rating





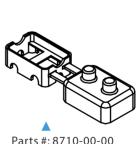
Parts #: 8700-XX-2



Parts #: 8700-XX-4

Parts #: 8700-XX-5

Short Stop Boot





Parts #: 8710-00-00 **Red Boot**