

Sealed Against Dust & Water Intrusion to ensure reliable circuit protection for the life of the electrical system installation.

High Voltage Rating easily supports 12 and 24 Vdc applications while offering advanced protection for 36 and 48 Vdc applications.

High Electrical / Manual Switching Endurance delivers 6,000 cycles at full current.

High Interrupt Current safely protects circuits connected to large paralleled battery banks with significant available power.

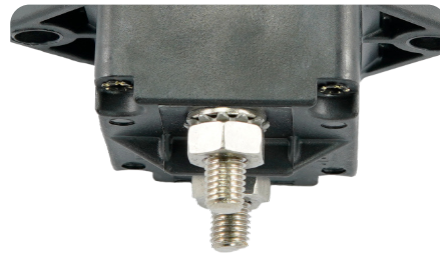
Ignition Protected

Safe for installation in closed compartments with potential explosive gases.

Harsh Environment design with stainless-steel hardware, serrated flange nuts, and silicone terminal covers.



4703 Series Surface Mount Circuit Breakers



Busbars Link 4703 Breaker Inputs Together



Parallel Inputs of Any Number of 4703 Breakers with Dual/Triple Busbars Combination

P/N: 8796 & 8798



Protects Electrical Circuits from short-circuit events and over-current loads, preventing wire insulation overheating and subsequent destruction.



Automatic Circuit Protection & Manual On/Off Switching combines dual functionality in one reliable and compact solution.



Visual Indication of Circuit Opened with bright yellow paddle, also used for resetting to On.

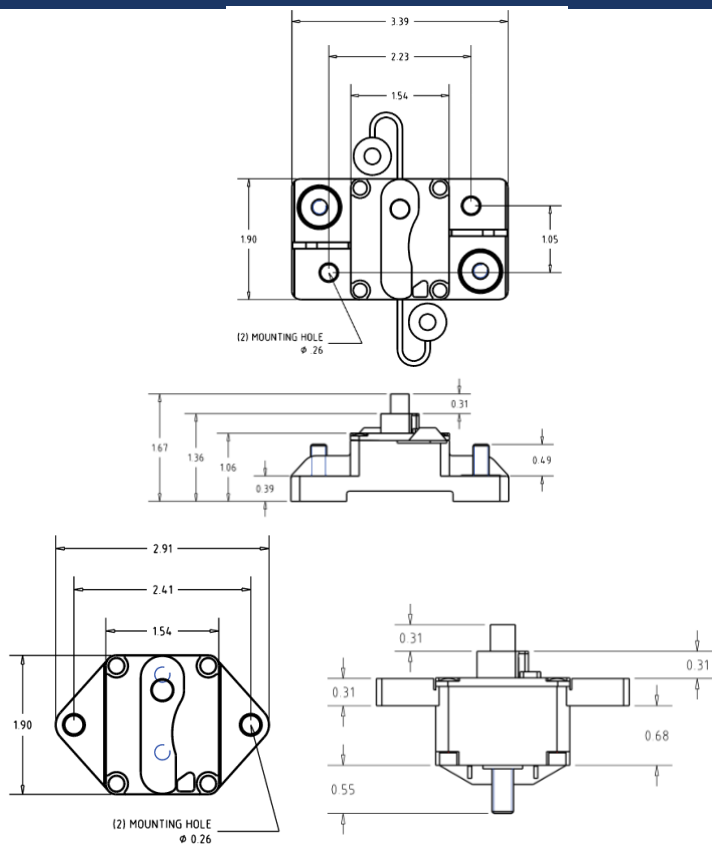


Bullet-proof Construction: Sealed device, high temp materials for engine compartment applications, and stainless self-locking hardware.

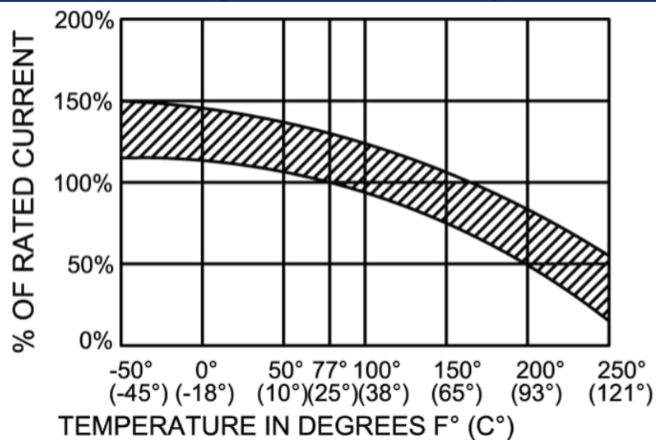


4 Year Industry Leading Warranty

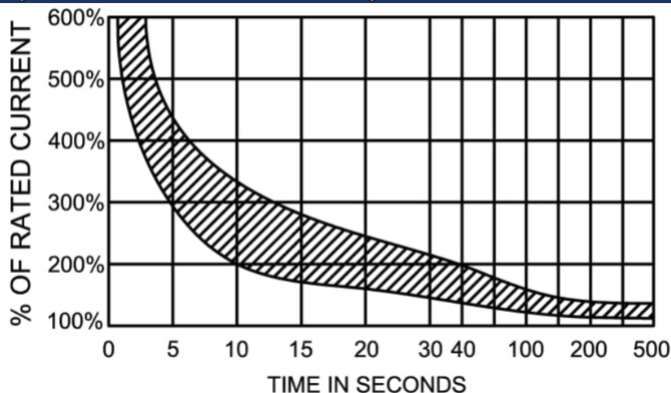
Product Dimensions



Current De-Rating vs Ambient Temperature



Trip Current vs Time Delay



Electrical Specifications

Max Operational Voltage	48 Vdc
Electrical Endurance @ <14 Vdc	100 cycles / 6x Rating
Electrical Endurance @ <30 Vdc	100 cycles / 2x Rating
Electrical Endurance @ <48 Vdc	50 cycles / 1.5x Rating
Short Circuit Interrupt Rating (14 Vdc)	3,000 Amps
Short Circuit Interrupt Rating (48 Vdc)	1,500 Amps
Wire Size to Meet Rating (50 A)	#8 AWG (10 mm ²)
Wire Size to Meet Rating (60 A)	#6 AWG (16 mm ²)
Wire Size to Meet Rating (80 A)	#4 AWG (25 mm ²)
Wire Size to Meet Rating (100 - 120 A)	#2 AWG (35 mm ²)
Wire Size to Meet Rating (150 A)	1/0 AWG (50 mm ²)

Specifications

Max Operating Temperature	85 C (185 F)
Min Operating Temperature	-40 C (-40 F)
Hardware Material	18-8 Stainless, Self-Locking
Terminal Stud Size	1/4"-28
Max Terminal Stud Torque	100 in-lbs (11.3 N-m)
Cable Terminal Stud Hole Size	1/4" (M6)
Ignition Protection	SAE J1171
Operating Humidity	0 to 95% RH
Ingress Protection	IP67
Mechanical Vibration	10g
Mechanical Shock	100g

Part Numbers

Part Numbers	Resell Pack	Bulk Pack
Circuit Breaker, Surface Mount, 25A	4703-025	4703-025B
Circuit Breaker, Surface Mount, 30A	4703-030	4703-030B
Circuit Breaker, Surface Mount, 40A	4703-040	4703-040B
Circuit Breaker, Surface Mount, 50A	4703-050	4703-050B
Circuit Breaker, Surface Mount, 60A	4703-060	4703-060B
Circuit Breaker, Surface Mount, 80A	4703-080	4703-080B
Circuit Breaker, Surface Mount, 100A	4703-100	4703-100B
Circuit Breaker, Surface Mount, 120A	4703-120	4703-120B
Circuit Breaker, Surface Mount, 150A	4703-150	4703-150B
Circuit Breaker, Panel Mount, 50A	4706-050	4706-050B
Circuit Breaker, Panel Mount, 60A	4706-060	4706-060B
Circuit Breaker, Panel Mount, 80A	4706-080	4706-080B
Circuit Breaker, Panel Mount, 100A	4706-100	4706-100B
Circuit Breaker, Panel Mount, 120A	4706-120	4706-120B
Circuit Breaker, Panel Mount, 150A	4706-150	4706-150B
Busbar - 4703 Series Link - Dual	8796	8796B
Busbar - 4703 Series Link - Triple	8798	8798B
Bezel - Panel Mount - 4706 Breakers	4706-001	4706-001B

*** DISCONNECT BATTERY FROM POWER DISTRIBUTION SYSTEM BEFORE INSTALLING PRODUCT TO PREVENT ELECTRICAL SHOCK OR PRODUCT DAMAGE**