

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

Up to 30 Volt Rated easily supports 12 Vdc (200 & 250 A) and 24 Vdc (200 A) applications.

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



4709 Series Surface Mount Circuit Breakers



4709 Series 175 Amp Version



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 re-setting to On.

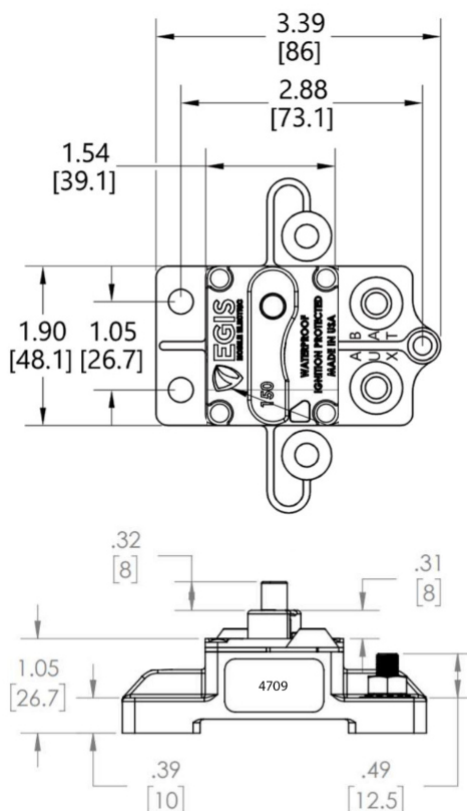


Bullet-proof Construction: Sealed device, high temp materials for engine compartment applications, and stainless self-locking hardware.

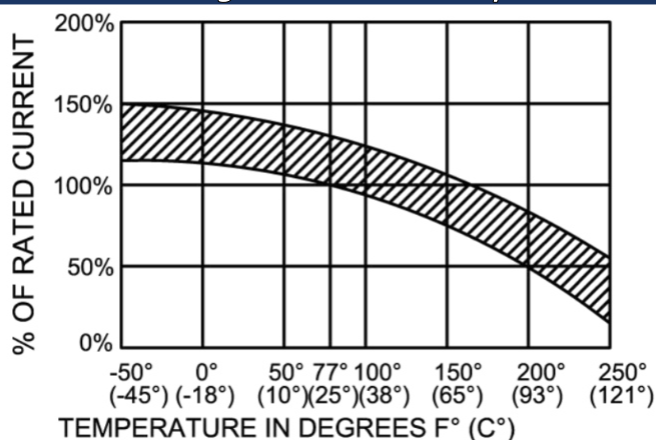


4 Year Industry Leading Warranty

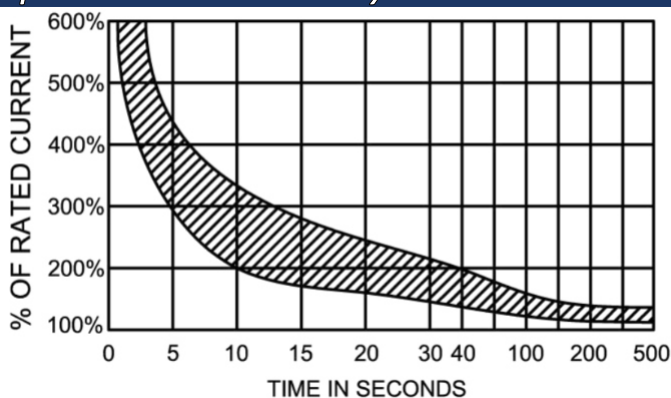
Product Dimensions



Current De-Rating vs Ambient Temperature



Trip Current vs Time Delay



Electrical Specifications

Max Operational Voltage (175A & 200 A)	30 Vdc
Max Operational Voltage (250 A)	14 Vdc
Short Circuit Interrupt Rating Amps (14 Vdc) 175-200A	2,500 Amps
Short Circuit Interrupt Rating Amps (30 Vdc) 175-200A	1,500 Amps
Short Circuit Interrupt Rating Amps (14 Vdc) 250A	2,500 Amps
Electrical Endurance @ <14 Vdc 175A	100 cycles / 6x Rating
Electrical Endurance @ <14 Vdc 200A	50 cycles / 4x Rating
Electrical Endurance @ <14 Vdc 250A	50 cycles / 2x Rating
Wire Size to Meet Rating	3/0 AWG (85 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	3/8"-16
Max Terminal Stud Torque	100 in-lbs (11.3 N-m)
Cable Terminal Stud Hole Size	3/8" (M10)
Ignition Protection	SAE J1171
Operating Humidity	0 to 95% RH
Ingress Protection	IP67
Mechanical Vibration	10g
Mechanical Shock	100g

Part Numbers

	Resell Pack	Bulk Pack
Circuit Breaker, Surface Mount, 175A	4709-175	4709-175B
Circuit Breaker, Surface Mount, 200A	4709-200	4709-200B
Circuit Breaker, Surface Mount, 250A	4709-250	4709-250B

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