

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

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

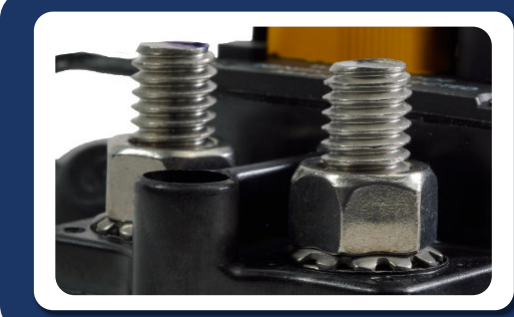
High Interrupt Current safely protects circuits connected to large paralleled battery banks with significant available power

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




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Protects Electrical Circuits from short circuit events and over-current loads, preventing wire insulation overheating and subsequent destruction.
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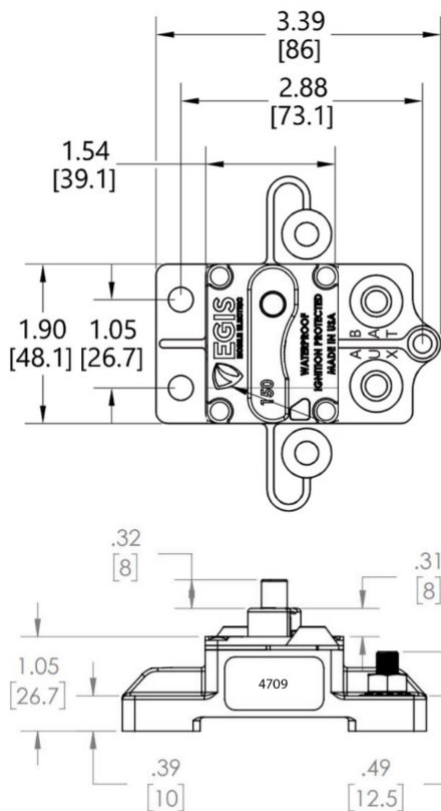
Automatic Circuit Protection & Manual On/Off Switching combines dual functionality in one reliable and compact solution.
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Visual Indication of Circuit Opened with bright yellow paddle, also used for re-setting to On.
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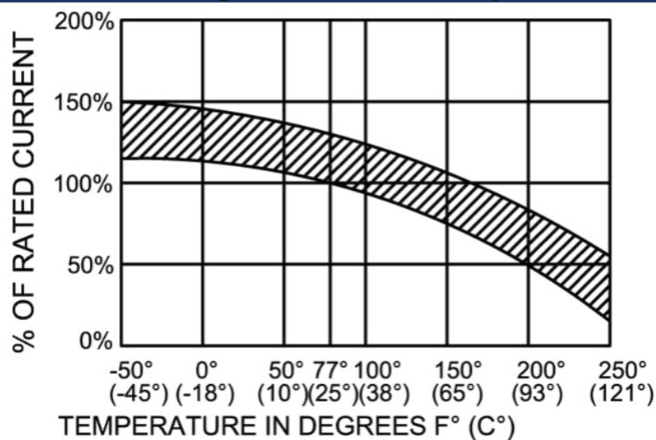
Bullet-proof Construction: Sealed device, high temp materials for engine compartment applications, and stainless self-locking hardware.
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4 Year Industry Leading Warranty

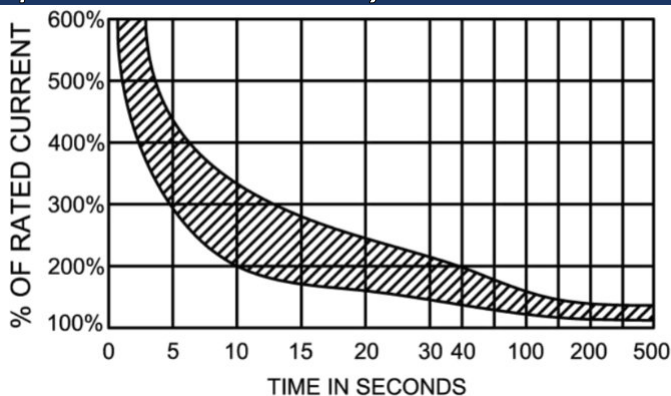
Product Dimensions



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
Electrical Endurance @ <14 Vdc	>200 cycles / 4x Rating
Electrical Endurance @ <28 Vdc	>100 cycles / 2x Rating
Short Circuit Interrupt Rating (14 Vdc)	2,500 Amps
Short Circuit Interrupt Rating (28 Vdc)	1,500 Amps
Wire Size to Meet Rating	3/0 AWG (85 mm ²)

Specifications

Max Operating Temperature	82 C (180 F)
Min Operating Temperature	-32 C (-25 F)
Max Storage Temperature	149 C (300 F)
Min Storage Temperature	-34 C (-30 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	ISO-8846 / UL 1500
Flammability Rating	UL 94 V0
Operating Humidity	0 to 90% RH
Ingress Protection	IP67 / IP6K9K
Mechanical Vibration	12g
Mechanical Shock	35g / 10 cycles

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**



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