

**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



## 200 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.

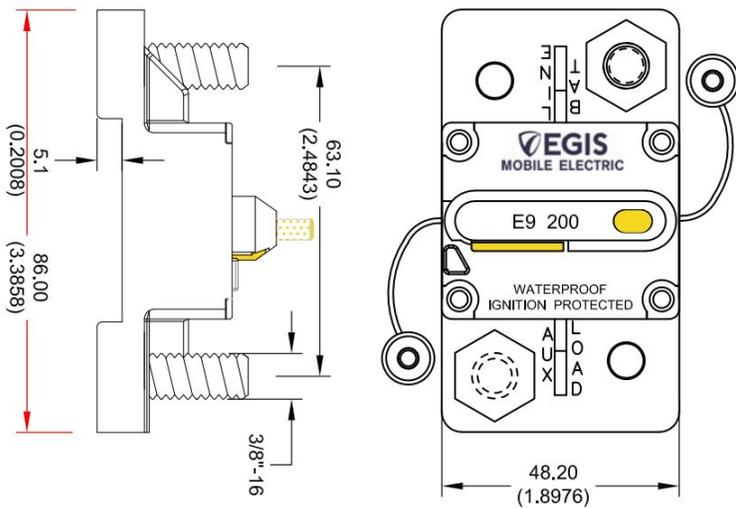


**Bullet-proof Construction:** Sealed device, high temp materials for engine compartment applications, and stainless self-locking hardware.



**4 Year Industry Leading Warranty**

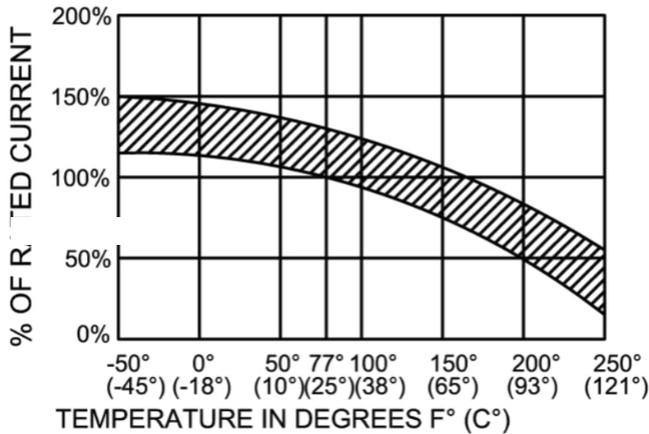
## Product Dimensions



## Electrical Specifications

Max Operational Voltage (200 A)	28 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 <sup>2</sup> )

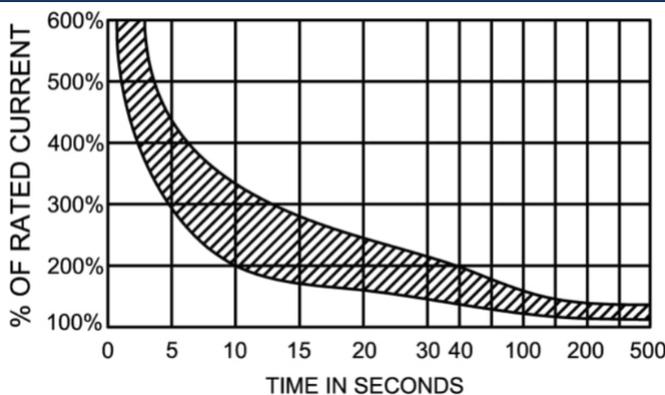
## Current De-Rating vs Ambient Temperature



## 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	1/4" (M6)
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

## Trip Current vs Time Delay



## Part Numbers

	Resell Pack	Bulk Pack
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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