

Series 187 Marine Rated Circuit Breaker (MRCB)

Specifications

Manual (Type 3) breakers available

Single Pole Thermal Type Breakers

Applications: Typically used in DC power systems in marine applications (as a main or branch circuit breaker), truck and bus systems, RV systems, add-on protection for accessories, lift gates, etc. This unit is external ignition protected and weatherproof.

Rating: 25-200A, 48VDC

Interrupt Rating: Main Breaker Protection Interrupt Rating (5,000A@ 14VDC, 3,000A@ 28VDC and 1,500A@ 48VDC).

Operating Temperature Rating: -40°F (-40°C) to 185°F (85°C)

Storage Temperature Rating: -40°F (-40°C) to 260°F (125°C)

Materials: Black UL 94-V0 thermoset plastic body.

Cover and lever are UL 94-V0 thermoplastic

Marking: Standard marking includes amp/volt ratings.

Custom markings also available

Termination: 5/16-18 threaded studs

Torque Rating: 75 in-lbs (8.5N • m) max



Mounting Torque Rating: Panel or surface-mount options; 50 in-lbs (5.6 N • m) max

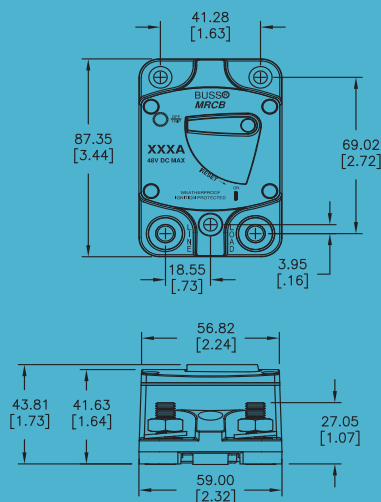
Ingress Protection Rating: IP66

Features / Options: A manual reset circuit breaker with On-Off switch capability

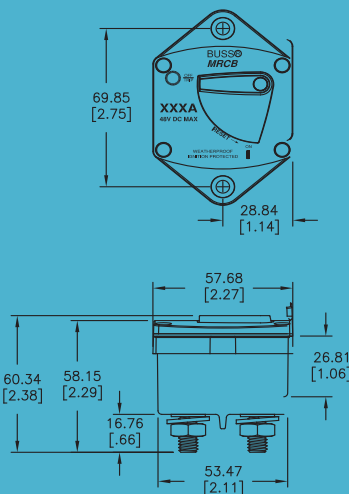
Compliances: ABYC E-11; CE; SAE J1171 (ignition protected)

Dimensions in Inches (mm)

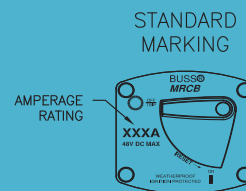
FIREWALL MOUNT



PANEL MOUNT



MARKING



Ordering information

187

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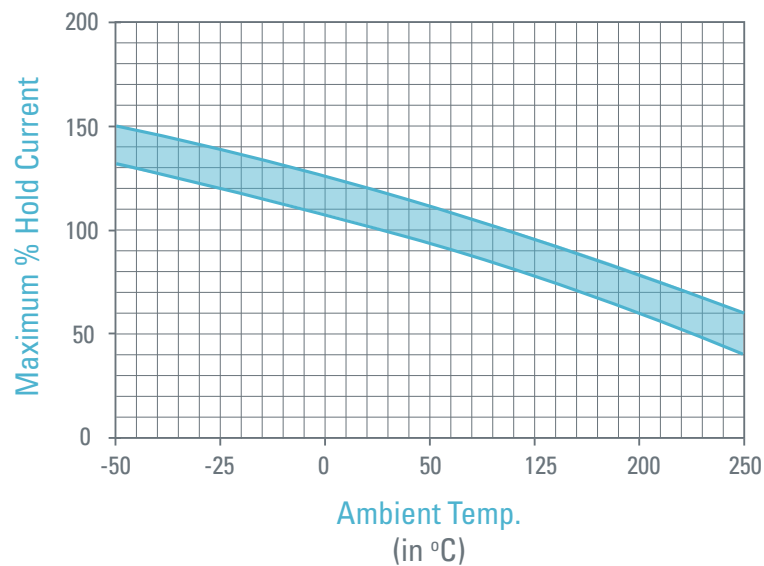
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Series	Rating		Mounting	Hardware	Marking
187 = Manual Reset - Switching Style Circuit Breaker	025 = 25 amps	080 = 80 amps	F = Surface mount	00 = No hardware	1 = Standard marking; Part Number, Amp Rating
	030 = 30 amps	100 = 100 amps	P = Panel mount	03 = Stainless nuts & lockwashers - installed on studs	Consult factory for special markings.
	035 = 35 amps	110 = 110 amps		04 = Stainless nuts & lockwashers - supplied	
	040 = 40 amps	120 = 120 amps			
	050 = 50 amps	135 = 135 amps			
	060 = 60 amps	150 = 150 amps			
	070 = 70 amps	200 = 200 amps			

Temperature Derating / Time Current Curves

Temperature Derating Curves



Trip Time vs. % Rated Current

