

SERIES 18X HI-AMP CIRCUIT BREAKER

AUTO, MANUAL & SWITCHABLE RESET CIRCUIT BREAKERS

SPECIFICATIONS

Single Pole Thermal Type Breakers

Applications: Typically used in auxiliary and accessory circuits in truck, bus, RV and marine systems. Others include battery chargers and DC audio systems. Series 181, 184 & 185 are sealed for engine compartment and bilge area applications.

Rating: 25-150A, 30VDC; 48VDC (Series 184 & 185).

Interrupt Rating: 3,000A @ 30VDC.

Operating Temperature Rating: -25°F (-32°C) to 180°F (82°C).

Storage Temperature Rating: -30°F (-34°C) to 300°F (149°C).

Materials: Black UL-Rated 94V-0 thermoset plastic. Thermoplastic elastomer stud insulators are provided on covered units with F-style (surface-mount) bases.

Marking: Standard marking includes amp ratings and part numbers. Custom markings also available.

Termination: 1/4-28 threaded studs.

Torque Rating: 50in-lb (5.6Nm) max.

Mounting Torque Rating: Panel or surface-mount options; 50in-lb (5.6Nm) max. Threaded insert option has a max torque of 25in-lb (2.8Nm).

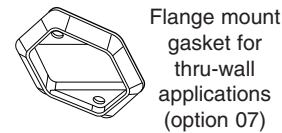
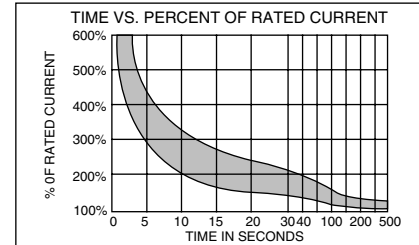
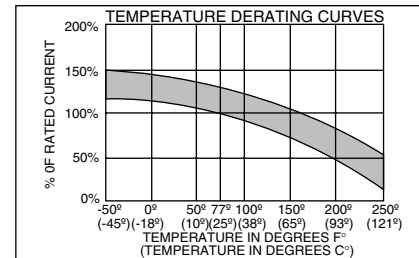
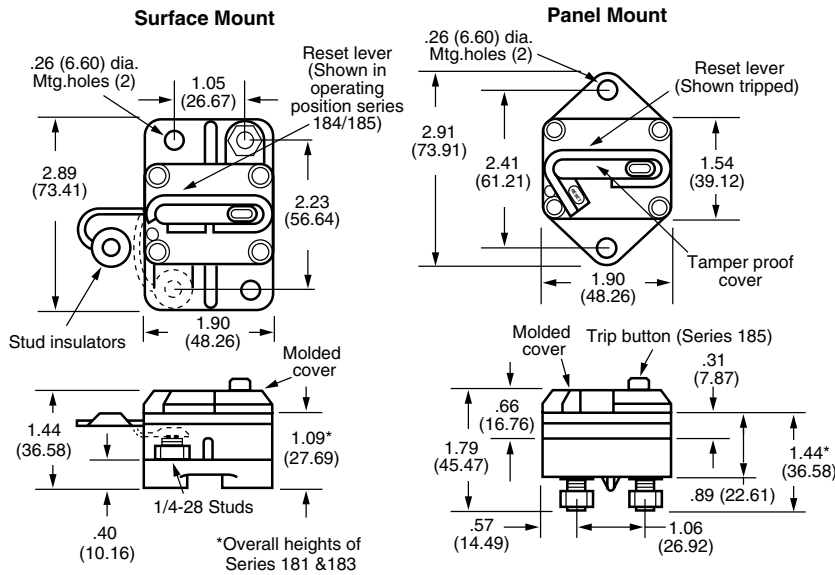
Ingress Protection Rating: IP67.

Features / Options: Series 184 & 185 have a unique reset mechanism which provides visual indication of tripped condition. Series 185 also features a push-to-trip option.

Compliances: SAE J1625; ABYC E-11; CE; SAE J1171 (Ignition Protected).



DIMENSIONS (Dims. shown are for reference only. Consult factory for latest prints)



PART NUMBERING SYSTEM

Series	Rating	Mounting	Terminal Hdw.	Marking
1 8				
181 - Type I, 30V	025 - 25 amps	F - Surface Mount	00 - Ship w/o nuts	0 - Blank cover
183 - Type II*, 30V	030 - 30 amps	P - Panel Mount	01 - Sems nuts installed	1 - Standard Marking; Part Number, Amp Rating
184 - Type III, 48V	035 - 35 amps		02 - Sems nuts shipped bulk	181, 184, 185 Series - Top Surface
185 - Type III-PTT, 48V	040 - 40 amps		03 - Stainless Steel Std. nuts & washers installed	183 Series - Side Surface
	050 - 50 amps		04 - Stainless Steel Std. nuts & washers shipped bulk	S - Standard Ignition Protected Marking
	060 - 60 amps		07 - Flange gasket & Sems nuts installed (Panel Mount Only)	(Consult factory for special markings.)
	070 - 70 amps		08 - Threaded insert and Sems nuts installed	
	080 - 80 amps		12 - Stainless steel nuts and lockwashers installed	
	090 - 90 amps		13 - Stainless steel Sems nut installed	
*183 Available in Panel Mount Only (Coverless)	100 - 100 amps			
	110 - 110 amps			
	120 - 120 amps			
	135 - 135 amps			
	150 - 150 amps			