Series 18X Hi-Amp Circuit Breaker

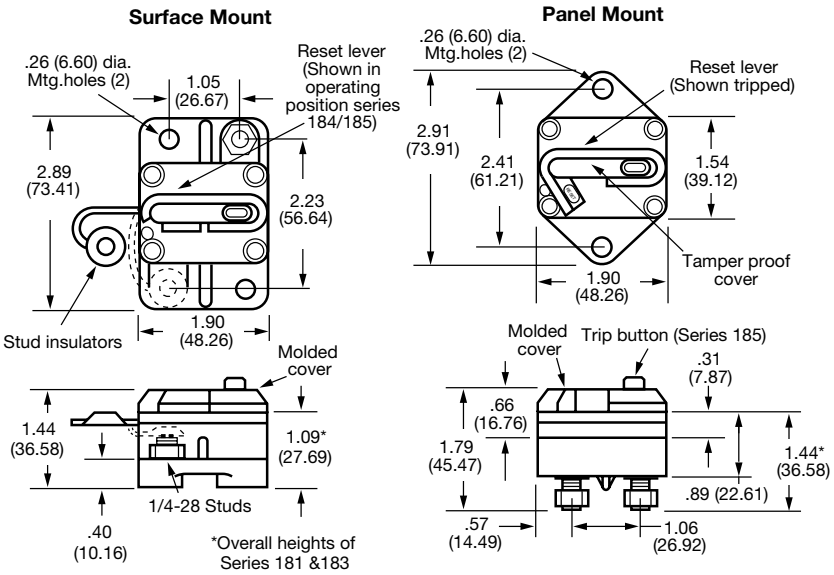
Auto, Manual & Switchable Reset Circuit Breakers

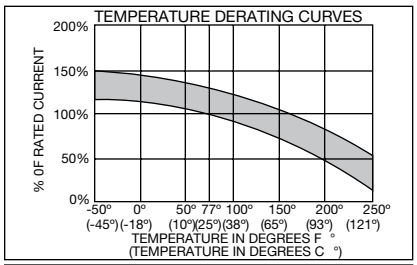
Specifications

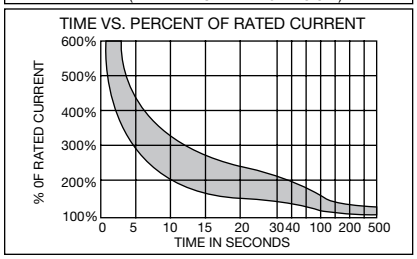
Single Pole Thermal Type Breakers
Applications: Typically used in auxiliary and accessory circuits in truck, bus', RVs and marine systems. Others include battery chargers and DC audio systems. Series 181, 184 & 185 are sealed for engine compartment and bilge area applications.
Rating: 25-150A, 30Vdc; 48Vdc (Series 184 & 185)
Interrupt Rating: 3000A @ 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 94V0 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: 50 in-lbs (5.6N•m) max
Mounting Torque Rating: Panel or surface-mount options; 50 in-lbs (5.6N•m) max. Threaded insert option has a max torque of 25 in-lbs (2.8N•m).
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)

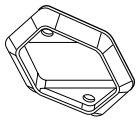
Dimensions - in(mm)

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









Flange mount gasket for thru-wall applications (option 07)

Part Numbering System

Series	Rating	Mounting	Terminal Hdwr.	Marking
181 – Type I, 30V 183 – Type I*, 30V 184 – Type III, 42V 185 – Type III-PTT, 42V	025 – 25 amps 030 – 30 amps 035 – 35 amps 040 – 40 amps 050 – 50 amps 060 – 60 amps 070 – 70 amps 080 – 80 amps 090 – 90 amps 100 – 100 amps 110 – 110 amps 120 – 120 amps 135 – 135 amps 150 – 150 amps	F – Surface Mount P – Panel Mount	00 – Ship w/o nuts 01 – Sems nuts installed 02 – Sems nuts shipped bulk 03 – Stainless Steel Std. nuts & washers installed 04 – Stainless Steel Std. nuts & washers shipped bulk 07 – Flange gasket & Sems nuts installed (Panel Mount Only) 08 – Threaded insert and Sems nuts installed 12 – Stainless steel nuts and lockwashers installed 13 – Stainless steel Sems nut installed	0 – Blank cover 1 – Standard Marking; Part Number, Amp Rating 181, 184, 185 Series - Top Surface 183 Series - Side Surface S – Standard Ignition Protected Marking (Consult factory for special markings.)

*183 Available in Panel Mount Only (Coverless)