

HI-AMP Reset Circuit Protectors

Series 180

Single Pole Thermal Type Breakers

Auto, Manual & Switchable



SPECIFICATIONS

Single Pole Thermal Type Breakers

Ratings: 40A to 150A; 30 VDC.

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

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

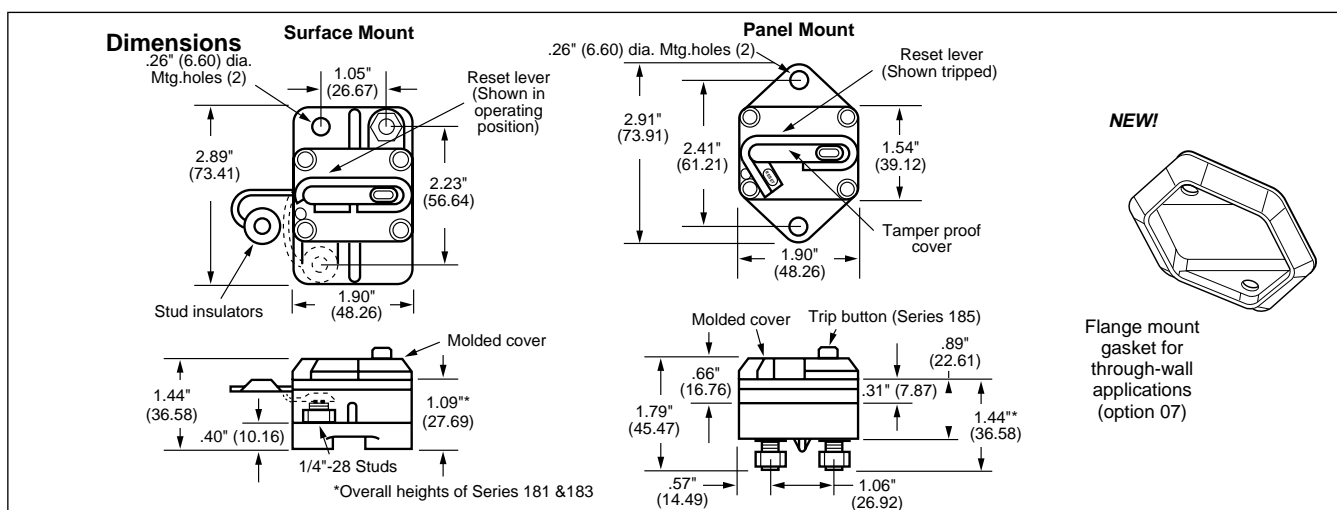
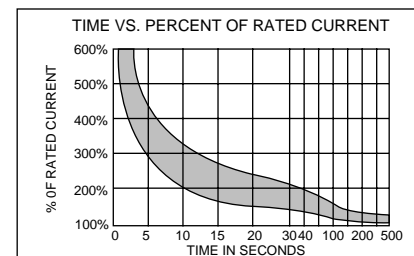
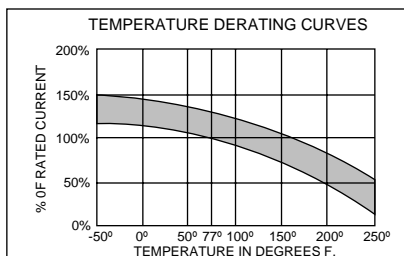
Applications: Typically used in auxiliary and accessory circuits -- trucks, buses, RV's and marine applications. Others might include battery chargers and DC audio systems. Series 181, 184 & 185 are sealed for engine compartment and bilge area applications.

Housing: Thermoset plastic; UL rated 94VO; 311°F (155°C). Stud insulators are provided on all covered units.

Mounting: Panel or surface.

Indicator: Series 184 & 185 have a unique reset mechanism which provides visible indication of tripped condition.

Approvals: Complies with SAE Standard J1625



PART NUMBERING SYSTEM

Series	Rating	Mounting	Terminal Hdwr.	Marking
1 8				
181 – Auto Reset	040 – 40amps	F – Surface Mount	00 – Ship w/o nuts	0 – Blank cover
183 – Auto Reset	050 – 50 amps	P – Panel Mount	01 – Sems nuts installed	1 – Standard Marking; Part Number,
184 – Manual Reset	060 – 60 amps		02 – Sems nuts shipped bulk	Amp Rating
185 – Switchable/Manual	070 – 70 amps		03 – Stainless Steel Std. nuts & washers installed	181, 184, 185 Series - Top Surface
	080 – 80 amps		04 – Stainless Steel Std. nuts & washers shipped bulk	183 Series - Side Surface
	090 – 90 amps		05 – Sems nuts - bulk/eyelets installed	Consult factory for special markings.
	100 – 100 amps		06 – Sems nuts & eyelets installed	
	110 – 110 amps		07 – Flange gasket & Sems nuts installed	
	120 – 120 amps		08 – Threaded insert & Sems nuts installed	
	135 – 135 amps			
	150 – 150 amps			

Mouser Electronics

Authorized Distributor

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Eaton:

[184090F-03-1](#) [184150F-03-1](#) [185060F-04-1](#) [185080F-01-1](#) [181080F-01-1](#) [184100P-07-1](#) [181150F-03-1](#) [184100P-](#)
[01-1](#) [184120P-01-1](#) [185100F-01-1](#) [185050F-01-1](#) [181090F-01-1](#) [181100F-01-1](#) [185150F-01-1](#) [184080F-03-1](#)
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