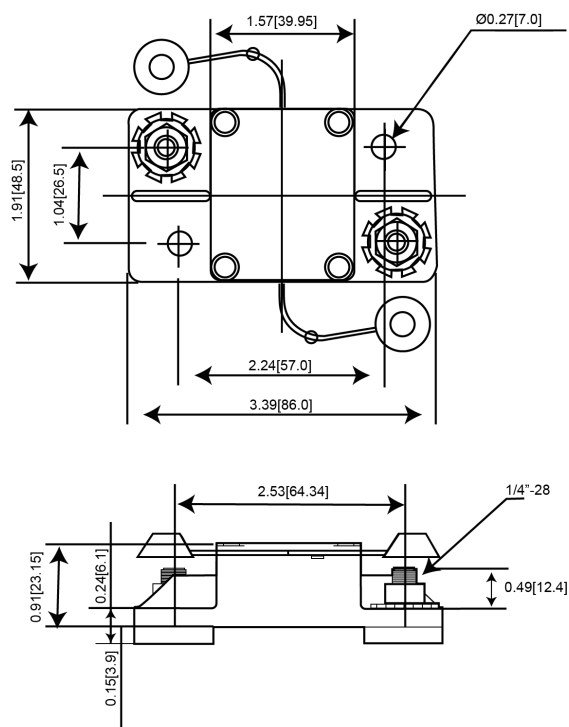


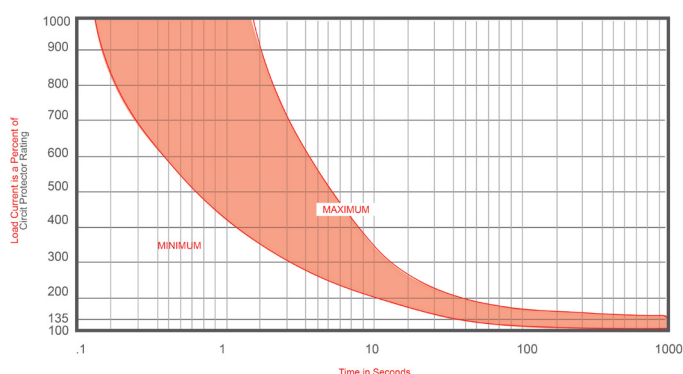
Mechanical Dimensions: Inches [mm]



Part Numbers Information

Optifuse P/N	Current
251025	25A
251030	30A
251040	40A
251050	50A
251060	60A
251070	70A
251080	80A
251090	90A
251100	100A
251120	120A
251135	135A
251140	140A
251150	150A
251175	175A
251200	200A

Time vs. Percent of Rated Current



% of Rated Current	Min Hold Time	Max Hold Time
100%	No Trip (≥ 30 Minutes)	
135%	50s	30m
200%	12s	45s
300%	3.5s	15s

Trip time: Ambient temperature 25°C ± 3°C

Electrical Specifications

Voltage Rating	42VDC
Reset Type	Type I - Auto Reset
Interrupting Rating	3000A @ 30VDC (25A-150A), 1500A @ 30VDC (175A-200A)
Operation Temperature	-25° F ~ 180° F
Compliances	SAE J1625, SAE J1171, ABYC-E11, UL1077

Material Specifications

High Amp - Waterproof Circuit Breaker IP67	
Body Material	Thermoset Plastic (UL94V-0)
Terminals Configuration	1/4"-28 Stud
Mounting Type	Surface Mount
Mounting Torque	40in-lb Max
Stud Torque	50in-lb Max

Rev	Date of issue	Revision Notes
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Designed	Approved
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A	11-19-2021	Initial Drawing	RC	OF
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