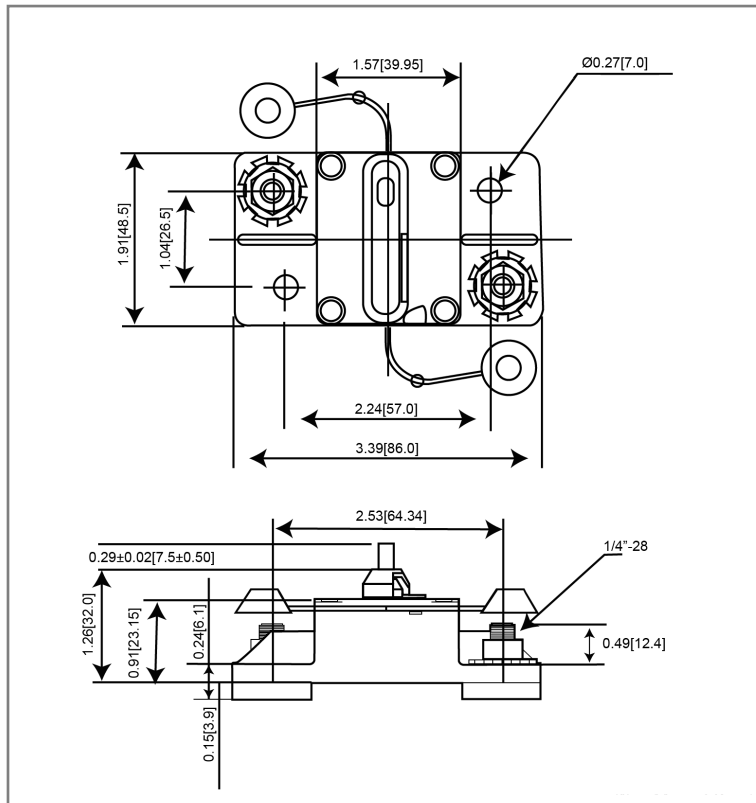


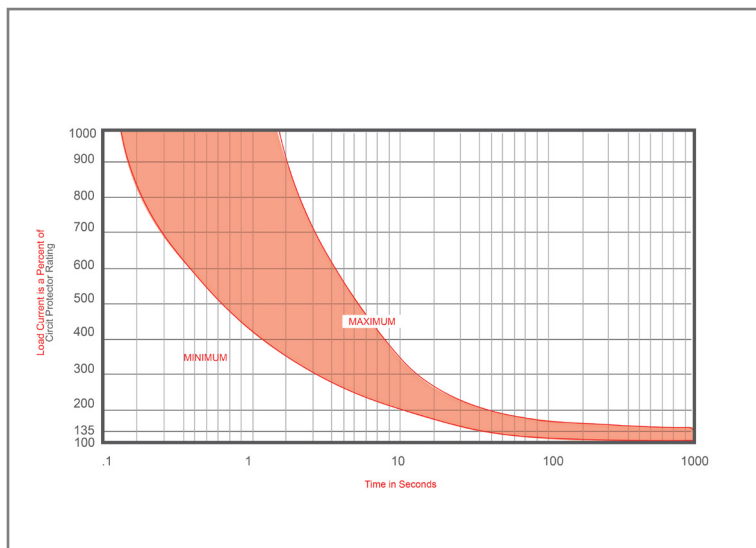
## Mechanical Dimensions: Inches [mm]



## Part Numbers Information

Optifuse P/N	Current
253025	25A
253030	30A
253040	40A
253050	50A
253060	60A
253070	70A
253080	80A
253090	90A
253100	100A
253120	120A
253135	135A
253140	140A
253150	150A
253175	175A
253200	200A
253250	250A

## 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

<b>Voltage Rating</b>	48VDC
<b>Reset Type</b>	Type III - Manual Reset
<b>Interrupting Rating</b>	3000A @ 30VDC (25A-150A), 1500A @ 30VDC (175A-200A)
<b>Operation Temperature</b>	-25° F ~ 180° F
<b>Compliances</b>	SAE J1625, SAE J1171, ABYC-E11, UL1077

## Material Specifications

Heavy Duty High Amp - Waterproof Circuit Breaker	
<b>Body Material</b>	Thermoset Plastic (UL94V-0)
<b>Terminals Configuration</b>	1/4"-28 Stud
<b>Mounting Type</b>	Surface Mount
<b>IP67</b>	

**Rev**    **Date of issue**    **Revision Notes**

**Designed**    **Approved**

A	06-29-2020	Initial Drawing	RC	OF
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