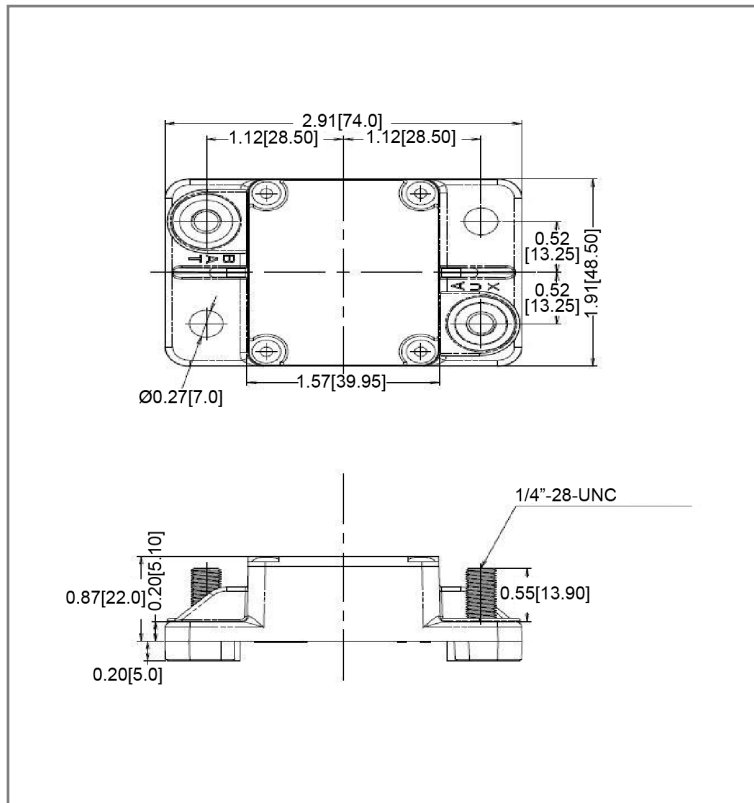


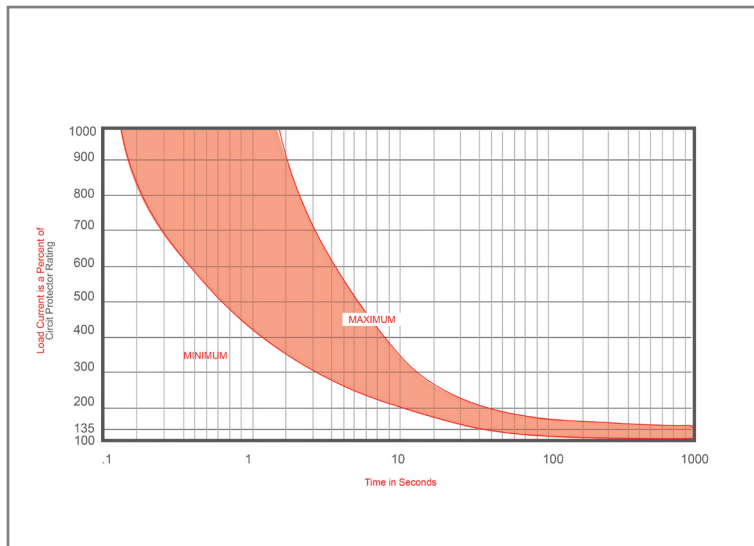
## Mechanical Dimensions: Inches [mm]



## Part Numbers Information

Optifuse P/N	Current
151025	25A
151030	30A
151040	40A
151050	50A
151060	60A
151070	70A
151080	80A
151090	90A
151100	100A
151120	120A
151135	135A
151150	150A
151180	180A
151200	200A

## Time vs. Percent of Rated Current



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

Trip time: Ambient temperature  $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$

## Electrical Specifications

Voltage Rating	42VDC
Reset Type	Type I - Auto Reset
Interrupting Rating	3000A @ 30VDC
Operation Temperature	$-25^{\circ}\text{F} \sim 180^{\circ}\text{F}$
Compliances	SAE J1625, SAE J1171

## 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 Stud Torque	40in-lb Max 50in-lb Max

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

**Designed**    **Approved**

A	11-19-2021	Initial Drawing	RC	OF
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