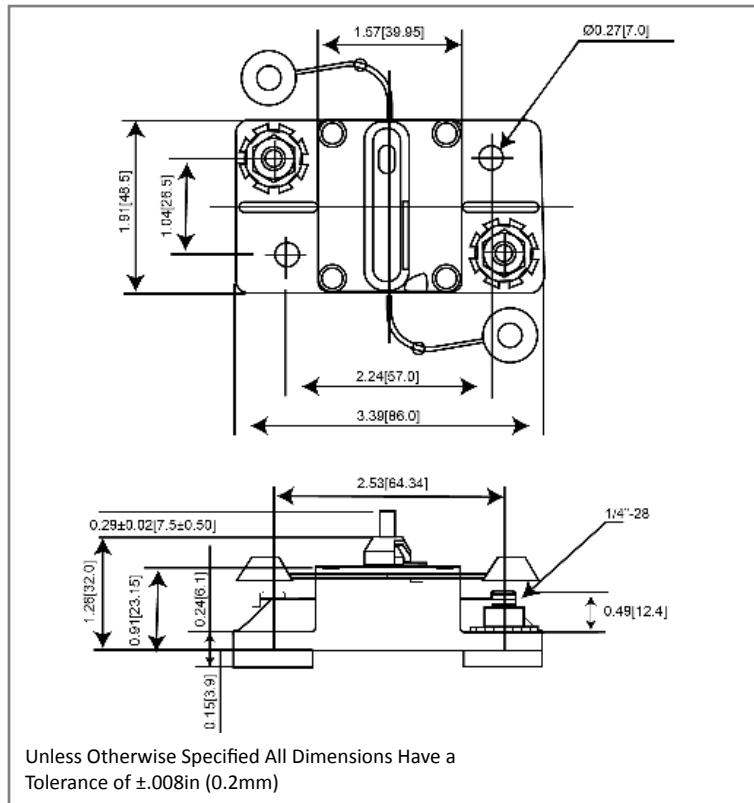


# High Amperage Heavy Duty Circuit Breaker

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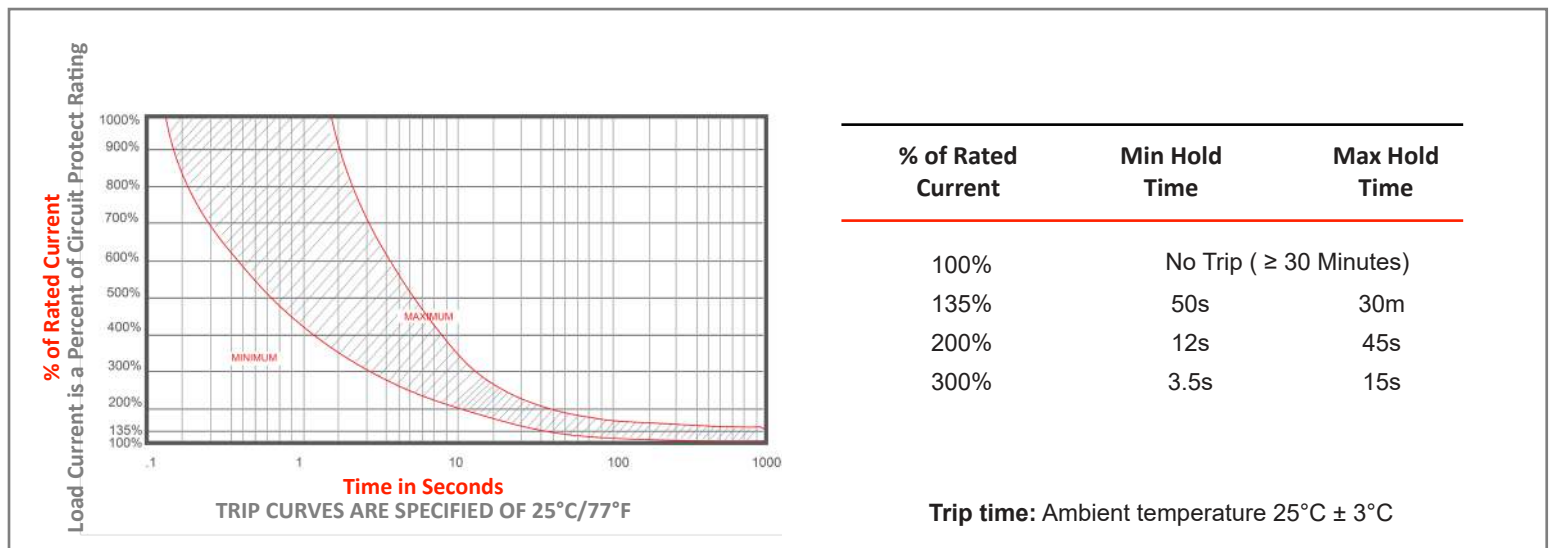
## Mechanical Dimensions: Inches [mm]



## 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



## 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   -32 °C ~ 82 °C
<b>Testing</b>	SAE J1625, 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>Ignition Protected Ingress Protection</b>	SAE J1171 IP67

# High Amperage Heavy Duty Circuit Breaker

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Rev	Date of issue	Revision Notes	Designed	Approved
B	06-29-2023	Format Update	RC	OF