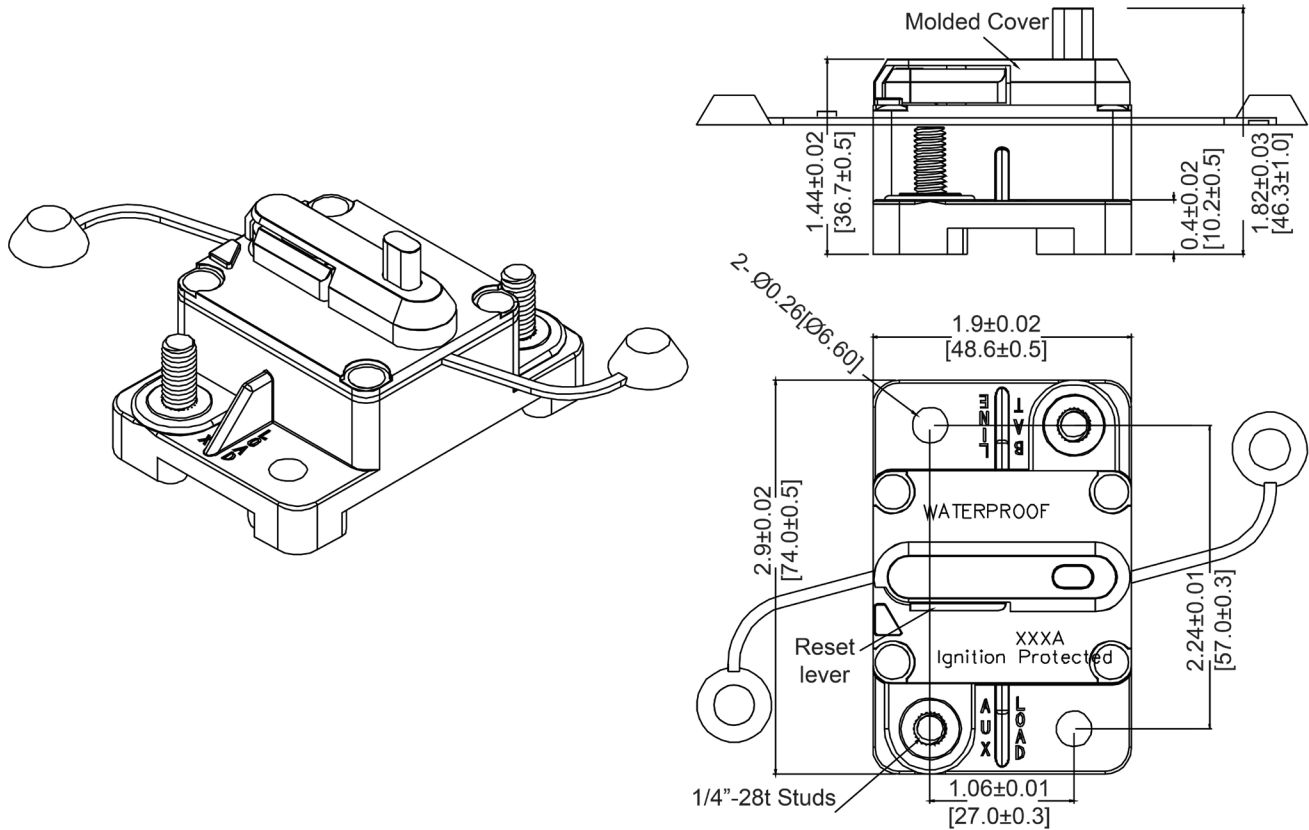
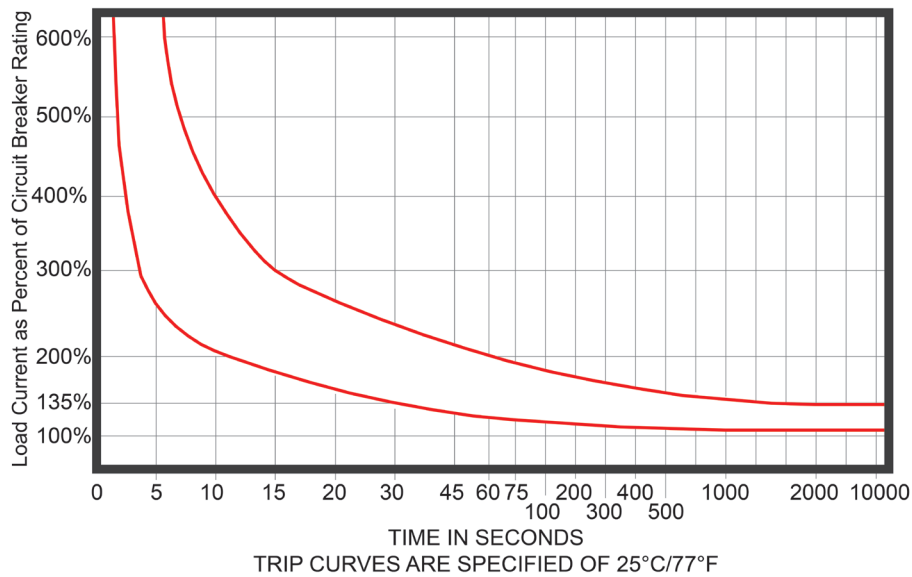


Mechanical Dimensions: Inches [mm]

Tolerances ± 0.012 [0.3] Unless Otherwise Specified



Mounting Hole



% of Rated Current	Min Hold Time	Max Hold Time
100%	30min	-
135%	-	30min
200%	12s	70s
300%	3.5s	15s

Electrical Specifications

Voltage	48VDC
Reset Type	Type III - Manual
Interrupting Rating	2000A @ 14VDC 1500A @ 48VDC
Dielectric Strength	>1500VAC/min
Insulation Resistance	>100Mohm
Operating Temperature	-30 ° C ~ 80 ° C
Testing	SAE J553

Material Specifications

Heavy Duty High Amp - Waterproof Circuit Breaker	
Body Material	Thermoset Plastic (UL94V-0)
Terminal Material	Copper; Nickel
Terminal Configuration	1/4"-28 stud
Mounting Type	Surface Mount
Button and Lever	Yellow
Ignition Protected	SAE J1171
Ingress Protection	SAE J553

Part Number Information

	Optifuse P/N	Amperage
	153025-W	25A
	153030-W	30A
	153040-W	40A
	153050-W	50A
	153060-W	60A
	153070-W	70A
	153080-W	80A
	153090-W	90A
	153100-W	100A
	153110-W	110A
	153120-W	120A
	153130-W	130A
	153140-W	140A
	153150-W	150A
	153160-W	160A
	153180-W	180A
	153200-W	200A
	153250-W	250A

Rev	Date of issue	Revision Notes	Designed	Approved
A	09-20-2024	Initial Drawing	RC	OF