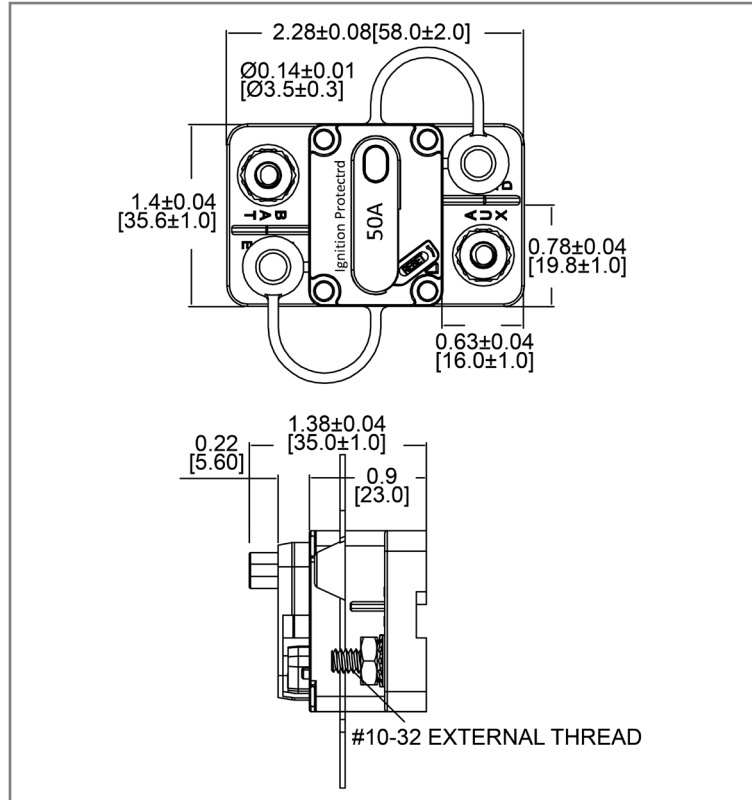


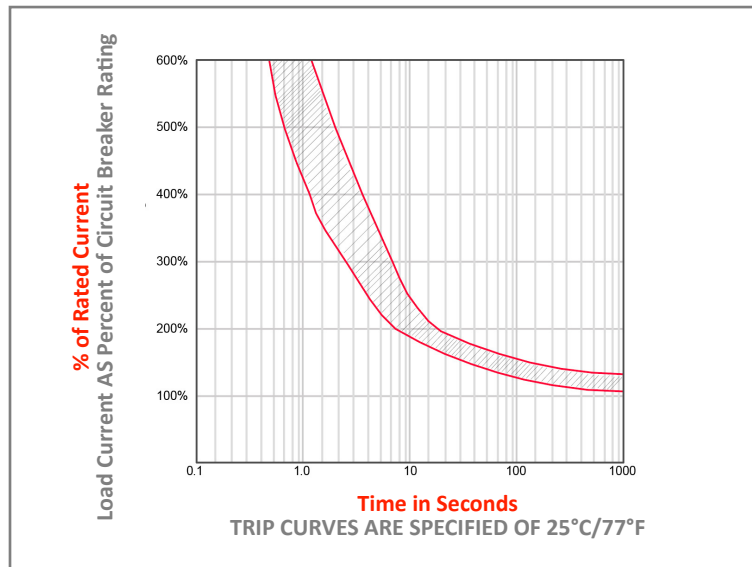
Mechanical Dimensions: Inches [mm]



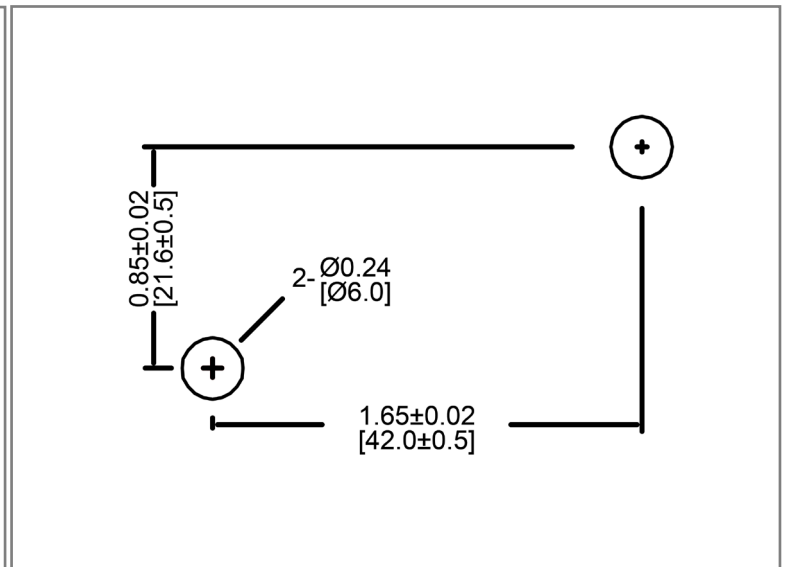
Part Numbers Information

Optifuse P/N	Current
653010	10A
653015	15A
653020	20A
653025	25A
653030	30A
653035	35A
653040	40A
653050	50A
653060	60A

Time vs. Percent of Rated Current



Mounting Hole



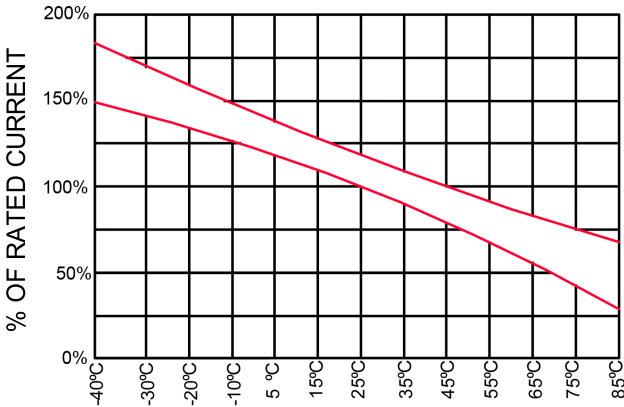
Electrical Specifications

Voltage Rating	32VDC
Reset Type	Type III - Manual Reset (Push-to-Trip)
Interrupting Rating	2500A @32VDC (ABYC E-11)
Operation Temperature	-40° F ~ 185° F
Testing	SAE J553, ABYC E-11

Material Specifications

Mid-Range - Waterproof Circuit Breaker	
Terminals Configuration	#10-32 Stud
Studs Torque	2.8 N.m max.
Mounting Torque	0.78 N.m max.
Mounting Type	Surface Mount
Ignition Protected	SAE J1171 Waterproof IP66

Temperature Derating Curve



Rev	Date of issue	Revision Notes	Designed	Approved
A	12-02-2024	Initial Drawing	RC	OF