

Series 25X Mid-Range Circuit Breaker



Auto, Manual & Modified Reset Circuit Breakers

Specifications

Single Pole Thermal Type Breakers

Applications: This unit is external ignition protected and weatherproof. It is typically used in DC power systems in marine applications (as a main or branch circuit breaker), truck, bus and RV systems, add-on protection for accessories, etc

Rating: 10-50A, 32Vdc

Interrupt Rating: Circuit Protection (2.5kA) per ABYC E-11

Operating Temperature Rating: -40°F (-40°C) to 185°F (85°C)

Storage Temperature Rating: -40°F (-40°C) to 260°F (125°C)

Materials: Black UL-rated 94V0 thermoset plastic body. Cover, lever, and button are UL Rated 94V0 thermoplastic. Cover has a black thermoplastic elastomer overmold

Marking: Standard marking includes amp/volt ratings, part numbers, and "SAE Type B"

Termination: #10-32 Threaded studs

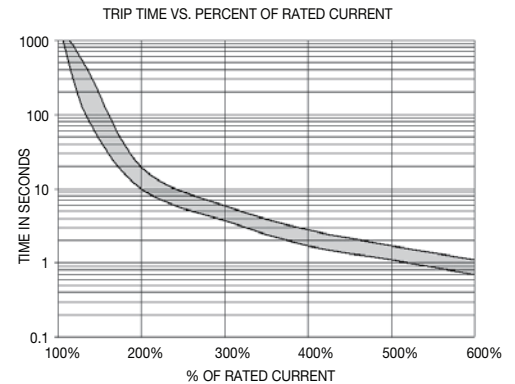
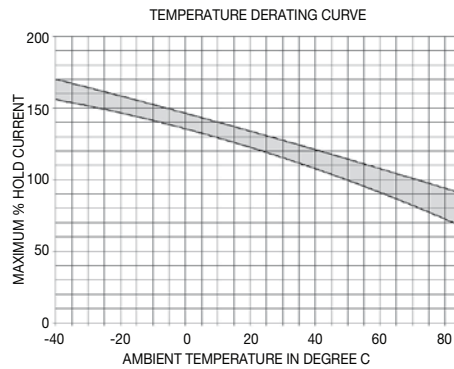
Torque Rating: 24 in-lbs (2.7N•m) max

Mounting Torque Rating: Panel mount with either #8-32 threaded inserts or #10 clearance holes. 18 in-lbs (2.0N•m) max

Ingress Protection Rating: IP66

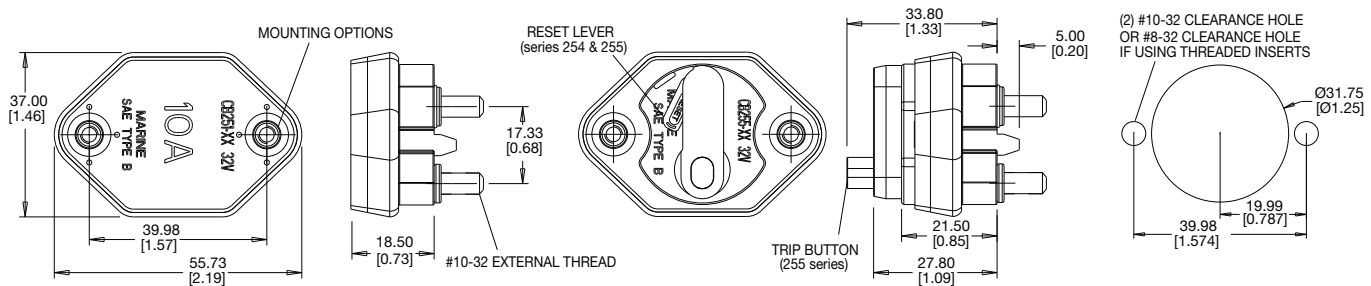
Features / Options: Series 254 & 255 have a unique reset mechanism which provides a visual indication of tripped condition. Series 255 also features a push-to-trip option

Compliances: SAE J553; ABYC E-11; SAE J1171 (ignition protected)



Dimensions - mm(in)

(Dims. shown are for reference only. Consult factory for latest prints)



Part Numbering System

Series	Rating	Mounting Holes	Hardware
2 5 □	□ □	□ — □	□
251 – Type I, 32V	10 – 10 amps	A – Thru-hole Insert (#10 Clearance)	0 – No nuts
254 – Type III, 32V	15 – 15 amps	B – #8-32 Threaded Inserts	1 – Nuts Installed
255 – Type III w/push-to-trip option, 32V	20 – 20 amps		2 – Nuts bulk
	25 – 25 amps		
	30 – 30 amps		
	35 – 35 amps		
	40 – 40 amps		
	50 – 50 amps		