

# SERIES 25X MID-RANGE CIRCUIT BREAKER

**NEW**



## MANUAL RESET CIRCUIT BREAKERS

Automatic, Manual, & Manual W/ Push-to-Trip

### 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 94V-0 thermoset plastic body. Cover, lever, and button are UL-Rated 94V-0 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.

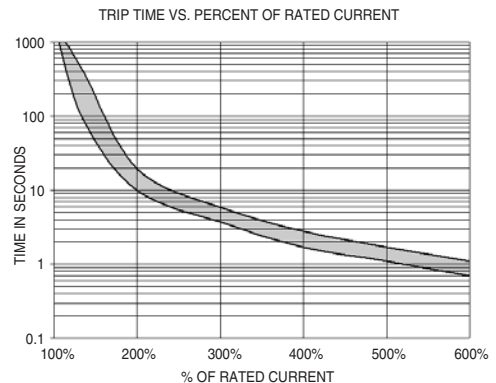
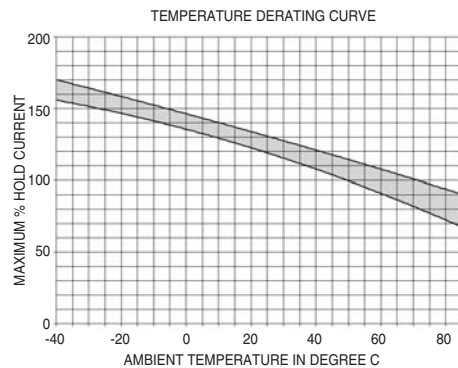
**Torque Rating:** 24in-lb (2.7Nm) max.

**Mounting Torque Rating:** Panel mount with either #8-32 threaded inserts or #10 clearance holes. 18in-lb (2.0Nm) max.

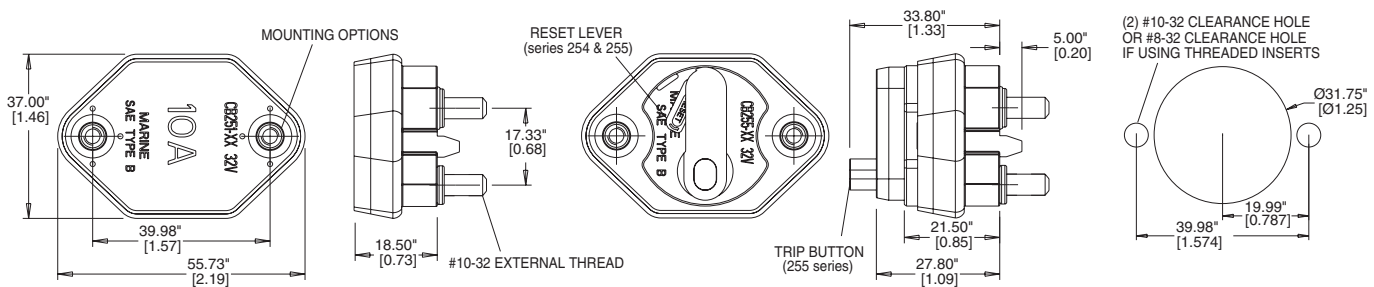
**Ingress Protection Rating:** IP66

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



### PART NUMBERING SYSTEM

#### Series



251 - Type I, 32V  
254 - Type III, 32V  
255 - Type III w/push-to-trip option, 32V

#### Rating



10 - 10 amps  
15 - 15 amps  
20 - 20 amps  
25 - 25 amps  
30 - 30 amps  
35 - 35 amps  
40 - 40 amps  
50 - 50 amps

#### Mounting Holes



A - Thru-hole Insert (#10 Clearance)  
B - #8-32 Threaded Inserts

#### Hardware



0 - No nuts  
1 - Nuts Installed  
2 - Nuts bulk