

# Series 12X Shortstop Circuit Breakers

## Auto, Manual & Modified Reset Circuit Breakers

### Specifications

#### Single Pole Thermal Type Breakers

**Applications:** Battery chargers, trucks, buses, RVs, trolling motors, etc

**Rating:** 5-50A, 14Vdc; 28Vdc (Series 123, 124, & 125)

**Interrupt Rating:** Main Circuit Protection: 1.5kA @ 12Vdc (Series 123 w/plastic cover);

**Branch Circuit Protection:** 2.5kA @ 12Vdc (Series 121 & 124 -01 sealed & Series 123 w/plastic cover)

**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 thermoplastic body (thermoset for Type II body & buttons). Cover is grey thermoplastic or steel-Type I gold, Type II silver

**Marking:** Custom marking available. Consult factory for options

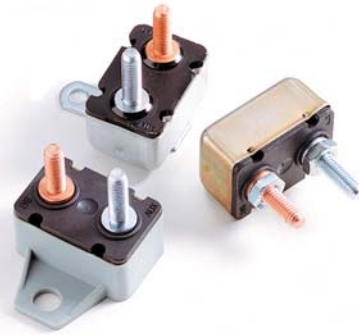
**Termination:** #10-32 thread and quick-connect options available

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

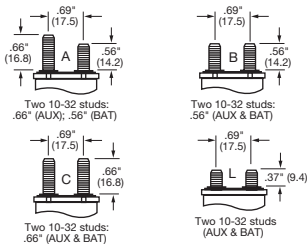
**Mounting Torque Rating:** Plastic cover - 15 in-lbs (1.7N•m); Metal cover - 30 in-lbs (3.4N•m)

**Ingress Protection Rating:** IP66 On plastic cover version only (except for terminals)

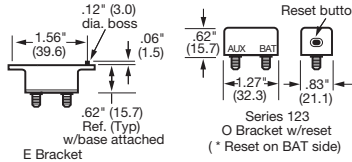
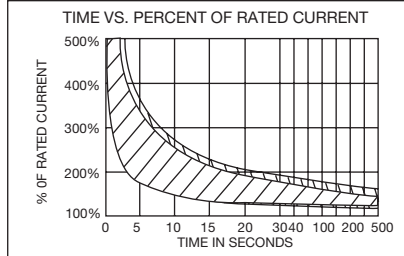
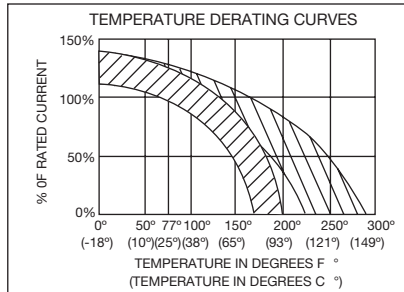
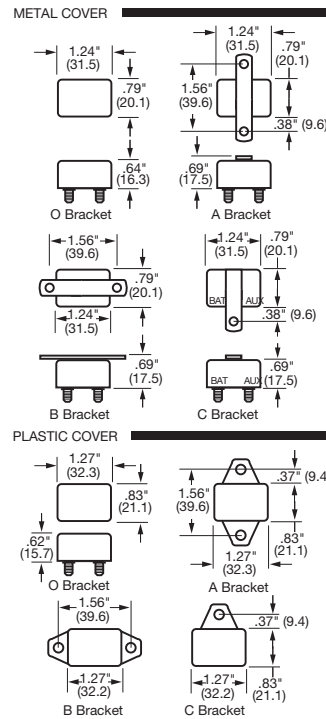
**Compliances:** SAE J553; SAE J1171 (ignition protected)



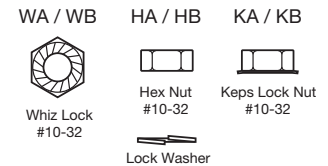
### Terminal Options



### Cover & Bracket Options



### Hardware



### Part Numbering System

| Series                 | Terminal   | Rating                                       | Bracket                                   | Mtg. Holes   | Cover*                     | Options  | Hardware  |
|------------------------|--|--|---|--|----------------------------|--|---|
| 121 - Type I, 12 VDC   | A - Two 10-32 studs; .66 (Aux), .56 (Bat)  | 05 - 5 amps<br>08 - 8 amps                   | 0 - No bracket<br>A - Bracket             | 0 - No bracket<br>1 - .140 dia.<br>2 - .196 dia.                   | M - Metal*<br>P - Plastic* | 01 - Waterproof (metal covers only)<br>02 - Splashproof (optional on metal covers - add 02 suffix; std. on plastic covers - omit 02 suffix.) | WA - Whiz-lock nut assembled<br>WB - Whiz-lock nut bulk<br>HA - Nut & lock washer assembled<br>HB - Nut & lock washer bulk<br>KA - Keps lock nut assembled<br>KB - Keps lock nut bulk |
| 122 - Type II, 12 VDC  | B - Two 10-32 studs; .56 (Aux & Bat)   | 12 - 12 amps                                 | B - Bracket                               | 3 - .237 dia.<br>(metal only)                                      |                            |  |   |
| 123 - Type III, 24 VDC | C - Two 10-32 studs; .66 (Aux & Bat)   | 15 - 15 amps<br>20 - 20 amps                 | C - Bracket<br>E - Bracket (plastic only) | 4 - .265 dia.<br>(plastic only)<br>5 - .228 dia.<br>(plastic only) |                            |  |   |
| 124 - Type I, 24 VDC   | ***D - Two .250 QC; (Aux & Bat)  | 25 - 25 amps<br>30 - 30 amps                 |   | 6 - .221 dia.<br>(metal only)                                      |                            |  |   |
| 125 - Type II, 24 VDC  | **H - One 10-32 stud .56 (Bat), Double .250 QC (Aux)<br>L - Two 10-32 studs; .37 (Aux & Bat) | 35 - 35 amps<br>40 - 40 amps<br>50 - 50 amps |   |  |                            |  |   |

\*Series 123 available in plastic cover only. Series 122 & 125 available in metal cover only. \*\*40A maximum \*\*\*30A maximum