



AC Current Band Monitor

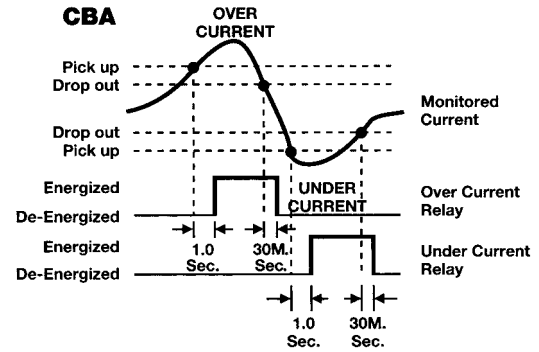
SPECIFICATIONS

| | |
|----------------------------|---|
| CONTROL VOLTAGE | 120 VAC, 50/60 Hz |
| TRIP POINTS | Over Current Pick-up See Table Below Drop-out 2% below Pick-up Under Current Pick-up See Table Below Drop-out 2% above Pick-up |
| OUTPUT | 10 Amps @ 120 VAC, Resistive |
| HYSTERESIS | 2% |
| RESPONSE TIME | Operate 1.0 SEC Release 30 mSEC |
| INDICATORS | LED's Show Over/Under Current Status |
| RESET | Automatic |
| TEMPERATURE RATING | Operate 32° to 131°F (0° to +55°C) Storage -49° to 185°F (-45° to +85°C) |
| CONTACT ARRANGEMENT | (2) Form C Contacts. One each for Over/Under |
| ENCLOSURE | Lexan Surface Mounted; #8-32 Screw Terminals |
| WEIGHT | 16 oz. |

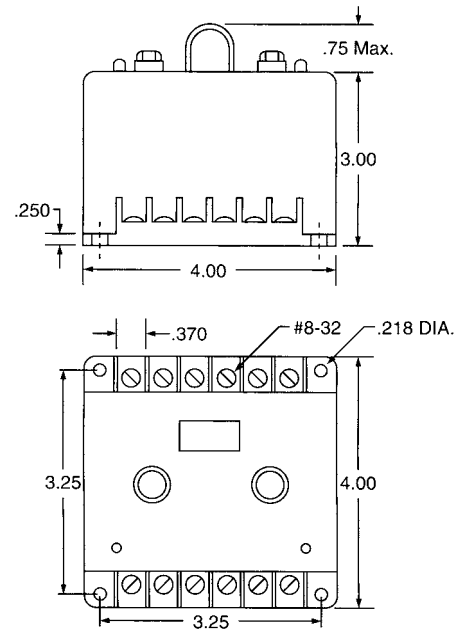
| MODEL NUMBER | UNDER CURRENT RANGE | OVER CURRENT RANGE |
|----------------|-----------------------------|-----------------------------|
| CBA-120-ALE-1 | 0.2 to 1.0 amps, Adjustable | 0.2 to 1.0 amps, Adjustable |
| CBA-120-ALE-5 | 1.0 to 5.0 amps, Adjustable | 1.0 to 5.0 amps, Adjustable |
| CBA-120-ALE-10 | 2.0 to 10 amps, Adjustable | 2.0 to 10 amps, Adjustable |
| CBA-120-ALE-20 | 4.0 to 20 amps, Adjustable | 4.0 to 20 amps, Adjustable |
| CBA-120-ALE-30 | 6.0 to 30 amps, Adjustable | 6.0 to 30 amps, Adjustable |
| CBA-120-ALE-40 | 8.0 to 40 amps, Adjustable | 8.0 to 40 amps, Adjustable |

The **CBA Series** is used to detect **UNDER** and **OVER CURRENT** conditions. When the monitored current is within the normal current band, both internal relays are de-energized (Drop-out). When the current rises above the over current setting for longer than 1.0 second, the over current relay energizes (Pick-up). If the current falls below the under current setting for longer than 1.0 second, the under current relay energizes. When the monitored current returns to normal, the relays will automatically reset. The over and under current trip points are independently adjustable.

An External CT may be used to extend the range of the Current Monitor.



DIMENSIONS (INCHES)



WIRING

