

AC Current Band Monitor

SPECIFICATIONS

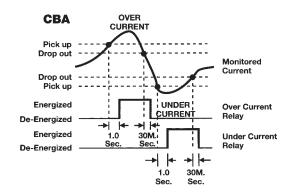
CONTROL 120 VAC, 50/60 Hz

| 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 | Operate | 32° to 131°F (0° to +55°C) | |
| RATING | Storage | -49° to 185°F (-45° to +85°C) | |
| CONTACT | (2) Form C Contacts. One each for Over/Under | | |
| ARRANGEMENT | , | | |
| ENCLOSURE | Lexan Surface Mounted; #8-32 Screw Terminals | | |
| WEIGHT | 16 oz. | | |

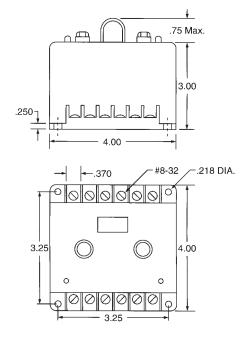
| MODEL NUMBER | UNDER CURRENT RANGE | OVER CURRENT RANGE |
|-----------------|--------------------------------|--------------------------------|
| CBA-120-ALE-1 | 0.2 to 1.0 amps, Adjustable | 0.2 to 1.0 amps, Adjustable |
| CBA-120-ALE-5 | 1.0 to 5.0 amps, Adjustable | 1.0 to 5.0 amps, Adjustable |
| 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

