

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.

AC Current Band Monitor

SPECIFICATIONS

CONTROL

ENCLOSURE

WEIGHT

120 VAC, 50/60 Hz

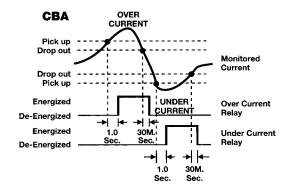
VOLIAGE			
TRIP POINTS	Over Current		
	Pick-up	See Table Below	
	Drop-out	2% below Pick-up	
	Under Current		
	Pick-up	See Table Below	
	Drop-out	2% above Pick-up	
OUTPUT	10 Amps @ 120 VAC, Resistive		
HYSTERESIS	2%		

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10 Amps @ 12	0 VAC, Resistive
2%	
Operate Release	1.0 SEC 30 mSEC
LED's Show Ove	er/Under Current Status
Automatic	
Operate Storage	32° to 131°F (0° to +55°C) -49° to 185°F (-45° to +85°C)
(2) Form C Contacts. One each for Over/Under	
	2% Operate Release LED's Show Ove Automatic Operate Storage

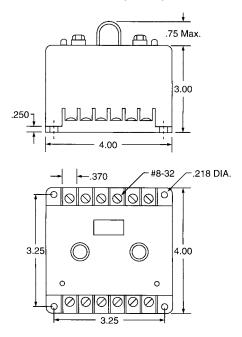
16 oz.

Lexan Surface Mounted; #8-32 Screw Terminals

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



DIMENSIONS (INCHES)



WIRING

