

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 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





