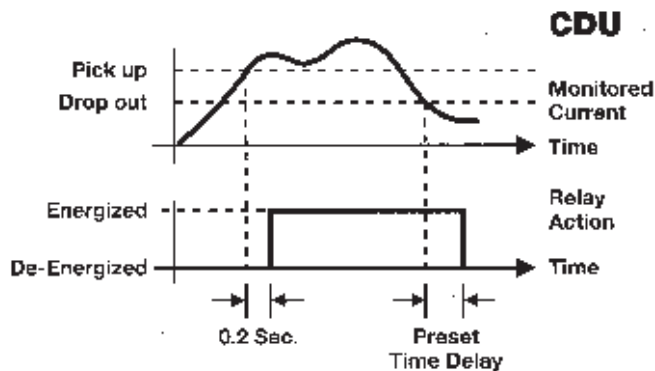


**OPERATION**

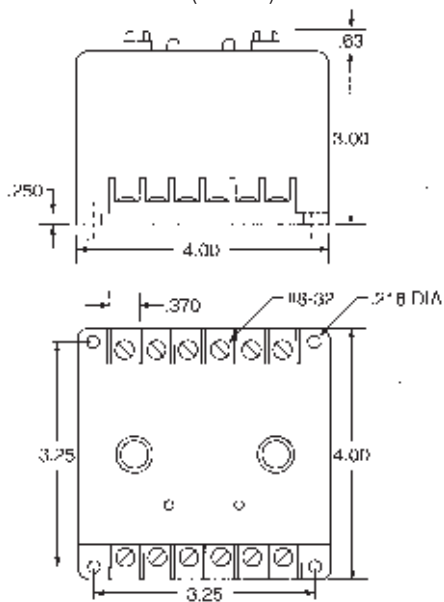
The **CDU Series** is used to detect **UNDER CURRENT** conditions. The internal relay is energized (Pick-up) when the monitored current is above the preset trip point. The relay de-energizes (Drop-out) when the current falls below the trip point for longer than the adjustable delay. The delay is incorporated to prevent nuisance tripping caused by momentary line dips. The relay re-energizes when the current rises 5% above the Drop-out trip point for longer than 0.2 seconds. The relay has the automatic reset feature.



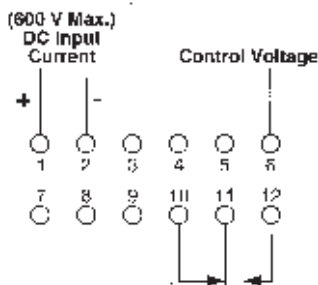
*DC Under Current Monitor/Relays*



**DIMENSIONS (INCHES)**



**WIRING**



**SPECIFICATIONS**

<b>CONTROL VOLTAGE</b>	120 VAC, 50/60 Hz	
<b>TRIP POINTS</b>	Over Current	
	Pick-up	5% above Drop-out
	Drop-out	See order information
<b>OUTPUT</b>	SPDT, 10 Amps @ 240 VAC Resistive	
<b>HYSTERESIS</b>	5%	
<b>RESPONSE TIME</b>	Operate	0.2 SEC
	Release	0.2 to 10 SEC, Adjustable
<b>INDICATORS</b>	Trip (Green)	Glow When Current is Above Preset Current Trip
	Relay (Green)	Glow when Relay is energized
<b>RESET</b>	Automatic	
<b>TEMPERATURE RATING</b>	Operate	32° to 131°F (0° to +55°C)
	Storage	-49° to 185°F (-45° to +85°C)
<b>ENCLOSURE</b>	Lexan Surface Mounted; #8-32 Screw Terminals	
<b>WEIGHT</b>	17 oz.	

**MODEL NUMBER**

<b>MODEL NUMBER</b>	CDU	120	A	L	E	
<b>CONTROL VOLTAGE</b>	120 Volts	120				
<b>TYPE OF VOLTAGE</b>	AC		A			
<b>ADJUSTMENT</b>	Lockshaft			L		
<b>FEATURES</b>	0.2 to 1 amp adj.					1
	0.5 to 2.5 amps adj.					2.5
	1.0 to 5.0 amps adj.					5
	2.0 to 10 amps adj.					10
	4.0 to 20 amps adj.					20