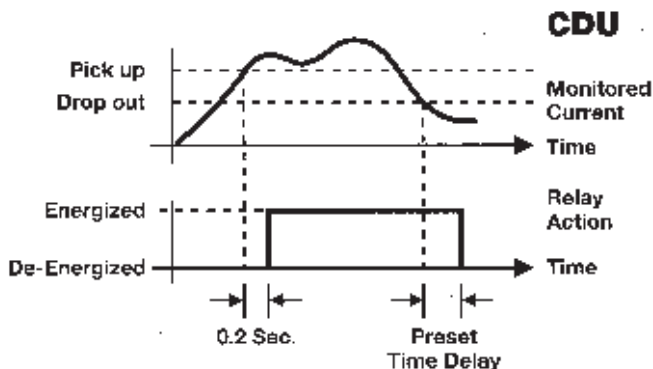


OPERATION

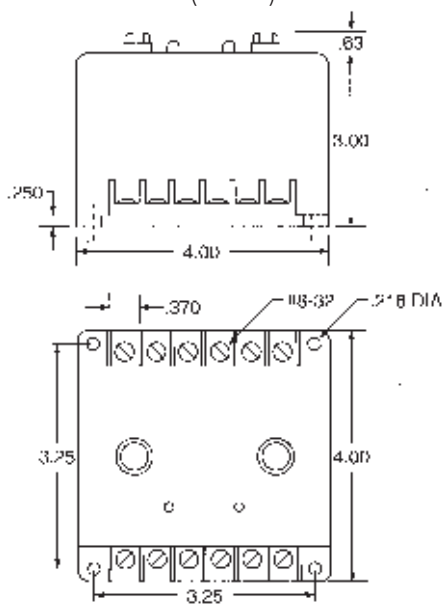
The **CDU Series** is used to detect **UNDER CURRENT** conditions. The internal relay is energized (Pick-up) when the monitored current is above the preset trip point. The relay de-energizes (Drop-out) when the current falls below the trip point for longer than the adjustable delay. The delay is incorporated 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.



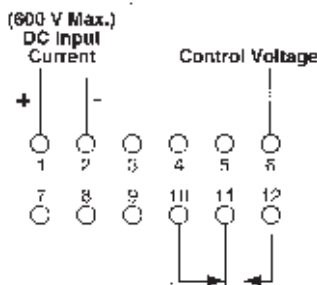
DC Under Current Monitor/Relays



DIMENSIONS (INCHES)



WIRING



SPECIFICATIONS

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

MODEL NUMBER

| | | | | | | |
|------------------------|----------------------|-----|---|---|---|-----|
| MODEL NUMBER | CDU | 120 | A | L | E | |
| CONTROL VOLTAGE | 120 Volts | 120 | | | | |
| TYPE OF VOLTAGE | AC | | A | | | |
| ADJUSTMENT | Lockshaft | | | L | | |
| FEATURES | 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 |