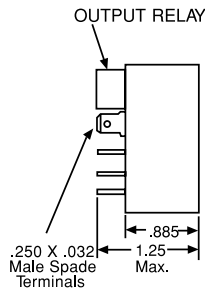
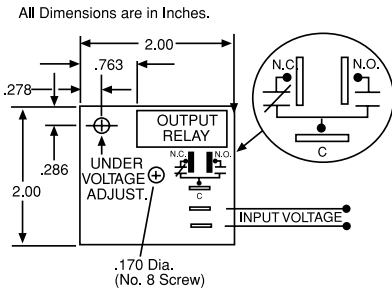


Protective Relays – Series VCA Single Phase, Undervoltage Relays



V CAB



DESIGN FEATURES

- ◆ Single phase undervoltage relay
- ◆ Compact design saves space
- ◆ Inexpensive package reduces costs
- ◆ Solid state circuitry assures accuracy and long life
- ◆ Automatic reset minimizes equipment downtime
- ◆ Quick-connect terminals provide easier installation
- ◆ LED indicates normal voltage condition
- ◆ Fixed pickup point prevents low voltage start-up
- ◆ Adjustable dropout point protects against undervoltage operation
- ◆ Linear calibrated dial provides easy setup
- ◆ Delayed dropout prevents nuisance tripping

SPECIFICATIONS

Voltage Set Point Adjustment: Internal Potentiometer

Response Time: Depending on severity of undervoltage: .1 - 1 sec.

Accuracy: Repeat Accuracy: ± .2%
Overall Accuracy: ± 1%

Operating Voltage: 120VAC
240VAC

Transient Protection:

| | |
|--------------|-----------|
| 120VAC | 30 joules |
| 240VDC | 30 joules |
| 120VAC | 10 joules |
| 240VAC | 10 joules |

Output: DPDT; 7A 1/6 HP, 250VAC, 300VA
120/240VAC, 3A 30VDC.

Life: Electrical: 100,000 operations at rated resistive loads
Mechanical: 10,000,000 operations

Dielectric: 1480 volts between terminals and case and between relay contacts and active circuitry.

Temperature Range:

Operating: -9°F to +131°F (-23°C to 55°C)
Storage: -40°F to +185°F (-40°C to 85°C)

Status Indication: Voltage Normal

Power Consumption All Units: 4 watts max.

Approximate Weight: 3.2 ounces (90.7 grams)

ORDERING INFORMATION

VCA

Series VCA
Single Phase, Undervoltage
Relay

B

A - 120 VAC
B - 240 VAC