

# AC OVERCURRENT & UNDERCURRENT

## CAH, COH & CUH SERIES

### APPLICATION DATA

**Input Voltage Tolerance:**

AC Operation: +10/-15% of nominal at 50/60 Hz.  
 DC Operation: +10/-15% of nominal

**Load (Burden):** 2VA for all voltages

**Current Sensing:**

Ranges: Separate 0.5-5A, 2-20A & 5-50A

Type: Toroidal, through hole wiring

Setting Accuracy: Min: +0%, -50%; Max: +10%, -0%

Maximum Allowable Current:

0.5-5A Range: Steady-25A Turns; 150A Turns Inrush for 10 Seconds

2-20A & 5-50A Ranges: Steady-50A Turns; 300A Turns Inrush for 10 Seconds

Trip Point Hysteresis: -5% Overcurrent sensing  
 +5% Undercurrent sensing

**Response Times:**

Sensing Delay on Start-up: Fixed values from 0-6 seconds in one second increments

Time Delay on Trip (Relay ON): Adjustable 0.5-50 seconds or 0.1-7 seconds

Time Delay on Reset (Relay OFF): 100ms

Reset Time: 400ms

**Output Contacts:**

10 Amperes @ 240VAC, General Purpose

8 Amperes @ 28VDC, Resistive

1/4HP @ 120/240VAC

B300

**Life:**

Mechanical: 10,000,000 operations

Full Load: 100,000 operations

**Temperature:** Operating: -28° to 65°C (-18° to 149°F)

Storage: -40° to 85°C (-40° to 185°F)

**Indicator LED:** Red ON Steady when Fault occurs

**Mounting:**

Surface mount with two (2) #6 screws

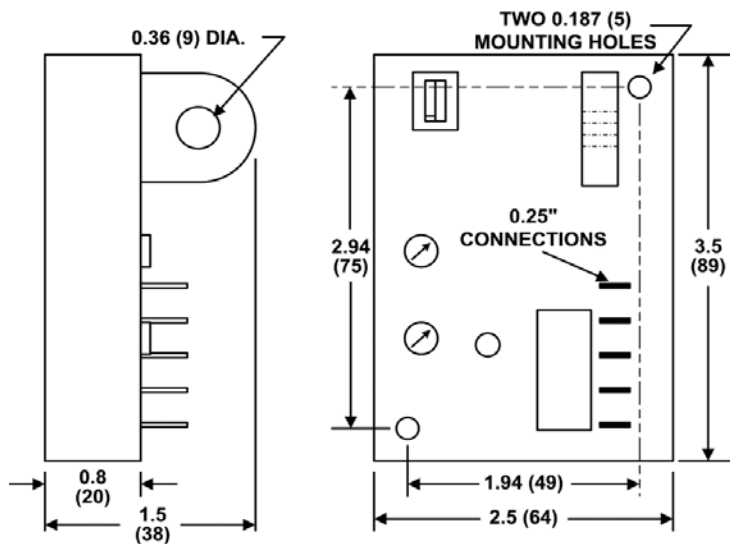
**Termination:**

0.25" male quick-connect terminals

**Approvals:**



### DIMENSIONS



All Dimensions in Inches (Millimeters)

### CONNECTION DIAGRAM

