

MODEL 160B MODEL 160BR Voltage Sensor

- Detects Over or Under Voltage
- Din Rail or Surface Mounting
- Optional 5-minute Time Delay

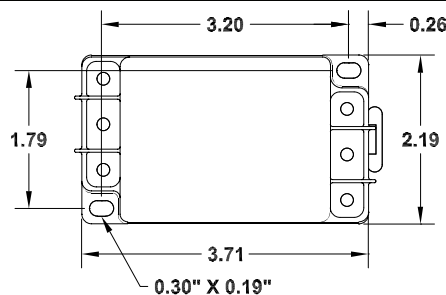
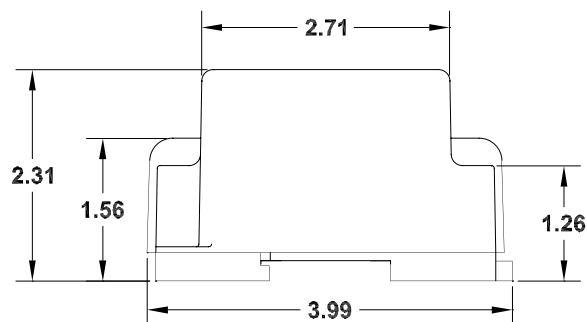
DESCRIPTION

The Model 160B(R) Voltage Sensor is a single set-point voltage sensor. Input voltages above the setpoint cause the output contacts to energize. Input voltages below the setpoint cause the output contacts to de-energize. The dead band between pull-in and drop-out is less than 2%.

Wiring connections are made to 1/4" quick connect terminals. Standard versions have a 2 second restart delay. The 'R' versions of the Model 160B have a fixed 5 minute short cycle delay. The Model 160B has a screwdriver adjustable setpoint range of approximately 35% of the maximum voltage.

The Model 160B is not frequency sensitive and may be used in systems from 50 to 400Hz.

DIMENSIONS



SPECIFICATIONS

| MODEL | 160B120 | 160B240 | 160B480 |
|-----------------------|---|------------|----------|
| Nominal AC Voltage | 120VAC | 208/240VAC | 480VAC |
| AC Adjustment Range | 80-130V | 160-250V | 380-480V |
| Frequency | 50 - 400Hz | | |
| Short Cycle Delay | Short cycle restart delay - 2 seconds "R" versions - 5 minutes | | |
| Set-point Stability | ± 1% | | |
| Dead Band | ± 2% | | |
| Trip Delay | 0.5 seconds - fixed | | |
| Contact Rating | SPDT 10A at 240VAC resistive | | |
| Expected Relay Life | Mech: 10 million operations Elec: 100,000 operations at rated load | | |
| Termination Method | 1/4" quick connect terminals | | |
| Operating Temperature | - 20° to +131° F | | |
| Transient Protection | 2500V for 10ms | | |
| Burden | 5mA maximum | | |
| Enclosure Material | ABS plastic | | |
| Mounting | DIN Rail or Surface Mount | | |
| Weight | 4 oz. | | |

ORDERING INFORMATION

| MODEL | RESTART DELAY | VOLTAGE |
|-------|---------------|---------|
| 160B | R | 120VAC |
| | | 240VAC |
| | | 480VAC |

Example: 160B - R - 240 orders a 240VAC sensor w/ optional 5 min delay.
Remove the "R" for the standard 2 second delay

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