

Datasheet



- Easy-to-use interface box to electrically isolate sensor outputs
- Accepts up to six discrete PNP inputs
- Six independent SPST relay outputs
- Six amber indicator LEDs signal when the relay is energized



WARNING: Not To Be Used for Personnel Protection

Never use this device as a sensing device for personnel protection. Doing so could lead to serious injury or death. This device does not include the self-checking redundant circuitry necessary to allow its use in personnel safety applications. A sensor failure or malfunction can cause either an energized or de-energized sensor output condition.

Specifications

Input Configuration

6 PNP inputs

Input Voltage/Current

18 to 26 V dc, 25 mA each

Output Configuration

6 relays, single pole single throw (25 millisecond response time)

Relay Output Rating

Maximum Switch Voltage: 130 V ac or 30 V dc

Switching Current: 0.1 to 5.0 amps

Mechanical Life: 10 million operations

Electrical Relay Life at Maximum Load: 100,000 operations

Environmental Rating

IP55

Connectors

Inputs/outputs terminal block wire gauge 12 to 28 AWG

Output Cable Gland

Jacket diameter: 5 to 9 mm

Operating Temperature

-20 °C to 50 °C

Construction

Molded reinforced thermoplastic polyester housing with polycarbonate cover

Indicators

6 amber LEDs to indicate when respective relay is energized

Certifications

Pending

Banner Engineering Corp Limited Warranty

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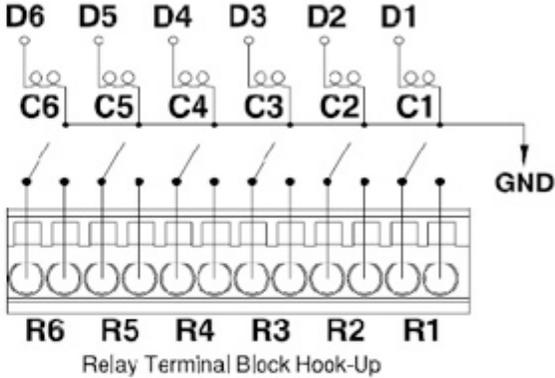
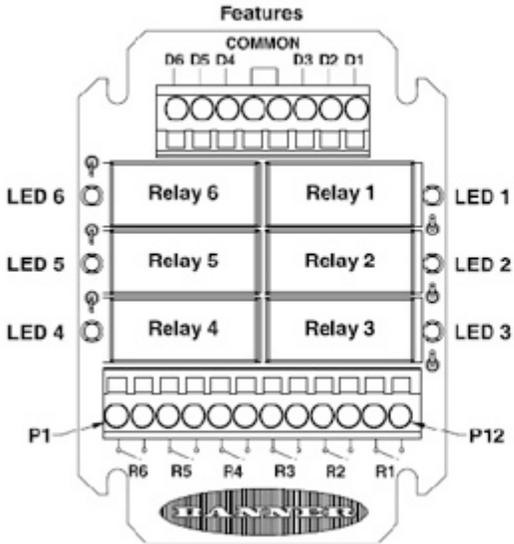
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Wiring and Dimensions



Nomenclature:
 D1: Discrete Input
 C1: Coil for Relay 1
 R1: Relay 1
 P1: Pin 1

