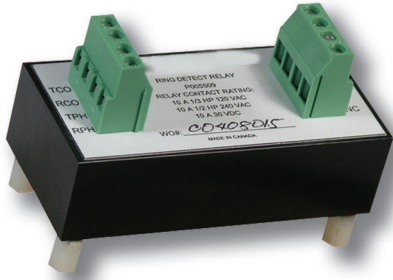


RELAYS

Ring Detect Relays & Off-Hook Relays

Ring Detect Relay
& Off-Hook Relay



Weather Proof
Enclosure



Explosion Proof
Enclosure

FEATURES and BENEFITS

Guardian's Ring Detect Relays respond to 40 – 155VAC, 20 – 25Hz telephone ringing voltage. They can be utilized to activate strobe lights, loud ringers or other signaling devices, to complement or replace ringers built into associated telephones. The relays are available as a module to fit into customer's equipment, or they can be enclosed in weatherproof or explosion-proof housings.

In a telephone based paging system, a telephone situated near a paging speaker can create acoustic feedback that makes paging impossible. Off-Hook Relays automatically disable paging speakers near the telephone to eliminate this problem. Off-Hook Relays can also trigger signaling devices when, for example, an emergency phone is in use.

All relays are encapsulated in polyester epoxy resin. Weather proof and explosion proof enclosures are available. Maintaining safety standards may require use of special wiring conduits or other considerations.

INSTALLATION and CONNECTABILITY

The Ring Detect Relay is easily and connected to Tip & Ring wiring and power source. The Off-Hook Detect Relay is similarly connected to Tip & Ring and paging speaker wiring.

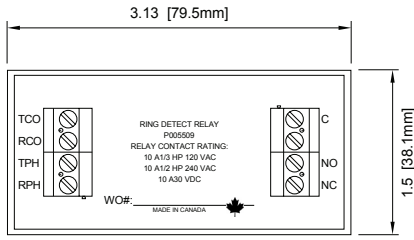
ENCLOSURES AND ACCESSORIES

Guardian Telecom enclosures and accessories were designed with the versatility to enhance our two major product lines Telephones & Page/Talk.

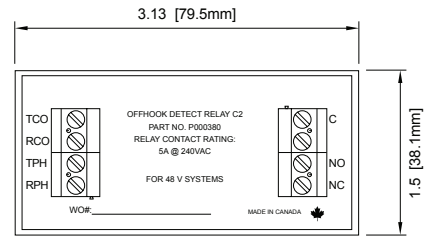
RELAYS

All relays are encapsulated in polyester epoxy resin. Weather proof and explosion proof enclosures are available.

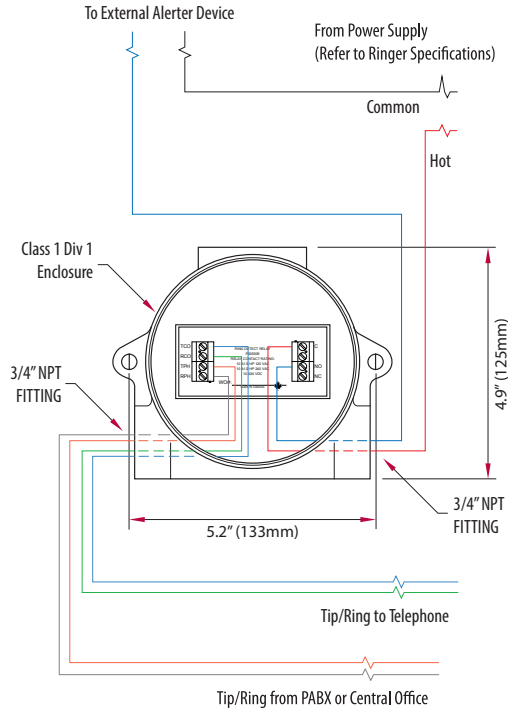
Ring Detect Relay



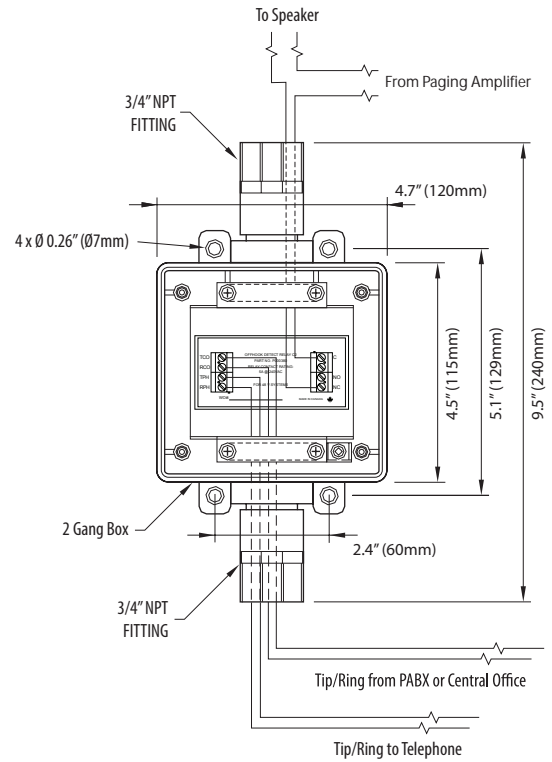
Off-Hook Detect Relay



Explosion Proof Enclosure (Typical)



Weather Proof Enclosure (Typical)



ENGINEERING SPECIFICATIONS

ELECTRICAL PERFORMANCE

Ring Detect Relay

Sensitivity	40 - 155 VAC, 20 - 25 Hz
Maximum Voltage	240 VAC, 30 VDC
Relay Rating Maximum Load	5 Amps

Off-Hook Detect Relay

Line Voltage	48 Volt	24 - 56 VDC
	24 Volt	≈ 24 VDC
Relay Rating Maximum Load		5 Amps

COMPLIANCE

Weather Proof Enclosure	NEMA 4X
Explosion Proof Enclosure	CSA Approved, UL Listed: Class I, Division 1, Groups B, C & D NEMA 4X

ORDERING INFORMATION

Warranty: Five years parts and labor

Order No.	Description
P7224	Ring Detect Relay
P7225	Ring Detect Relay/Weather Proof Enclosure
P7226	Ring Detect Relay/Explosion Proof Enclosure
P7234	Ring Detect Relay/ Three Hole Explosion Proof Enclosure
P7252	Ring Detect Relay/Low Ring Signal
P7227	48V Off-Hook Detect Relay
P7228	24V Off-Hook Detect Relay
P7229	24V Off-Hook Detect Relay/Weather Proof Enclosure
P7231	24V Off-Hook Detect Relay/Explosion Proof Enclosure
P7232	48V Off-Hook Detect Relay/Weather Proof Enclosure
P7233	48V Off-Hook Detect Relay/Explosion Proof Enclosure

Distributed by:



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