ISOLATION RELAY - 12V
USER'S GUIDE

UTILITY SWITCHING DEVICE

1 Description / Wiring

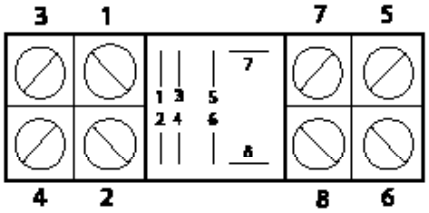
The 10REL12VAC / 10REL12VDC Isolation Relay is used as a utility Switching device. It can be used for the following applications as well as any general-purpose voltage isolation.

- To turn off an activator upon reaching a wall.
- To step up the contact rating of a detector to handle line voltage.
- To interface an automatic door w/an alarm system or enunciator panel.



12VAC DPDT ISOLATION RELAY	
COIL INPUT	12VAC +/- 5%
CONTACT RATING	10A @ 24 VDC / 120VAC
DIMENSIONS - Relay - Socket	1 3/8" x 1" x 7/8" 2 5/8" x 1 3/8" x 1"

12VDC DPDT ISOLATION RELAY	
COIL INPUT	12VDC +/- 5%
CONTACT RATING	10A @ 24 VDC / 120VAC
DIMENSIONS - Relay - Socket	1 3/8" x 1" x 7/8" 2 5/8" x 1 3/8" x 1"



1 CONTACT 1 NC
2 CONTACT 2 NC
3 CONTACT 1 NO
4 CONTACT 2 NO
5 CONTACT 1 COM
6 CONTACT 2 COM
7 RELAY COIL
8 RELAY COIL

2 Precautions

CAUTION

- ❑ Shut off all power before attempting any wiring procedures.
- ❑ Maintain a clean & safe environment when working in public areas.
- ❑ Constantly be aware of pedestrian traffic around the area.
- ❑ Always stop pedestrian traffic when performing tests that may result in unexpected reactions.
- ❑ ESD electrostatic discharge: Circuit boards are vulnerable to damage by electrostatic discharge. Before handling any board ensure you dissipate your body's charge.
- ❑ Always check placement of all wiring before powering up to insure that moving parts will not catch any wires and cause damage to equipment.
- ❑ Ensure compliance with all applicable safety standards (i.e. ANSI A156.10 / A156.19) upon completion of installation.
- ❑ DO NOT attempt any internal repair. All repairs and/or component replacements must be performed by BEA, Inc. Unauthorized disassembly or repair:
  1. May jeopardize personal safety and may expose one to the risk of electrical shock.
  2. May adversely affect the safe and reliable performance of the product will result in a voided product warranty.

3 Company Contact

CAUTION

Do not leave problems unresolved. If a satisfactory solution cannot be achieved after troubleshooting a problem, please call BEA, Inc. If you must wait for the following workday to call BEA, leave the door inoperable until satisfactory repairs can be made. Never sacrifice the safe operation of the automatic door or gate for an incomplete solution. The following numbers can be called 24 hours a day, 7 days a week. For more information, visit www.beasensors.com.

US and Canada: 1-866-249-7937
Canada: 1-866-836-1863
Northeast: 1-866-836-1863
Southeast: 1-800-407-4545
Midwest: 1-888-308-8843
West: 1-888-419-2564