

| Single Zone Contact Table | | | | | |
|---|-------|-------|----------------|--------------|------------------------------|
| Control Panel | Value | | Single Contact | | |
| | EOL | Alarm | EOL | Alarm | |
| Honeywell | 1k | 1k | Black | Green/ Blue | |
| Ademco, Galaxy | 2k2 | 2k2 | Red/ Yellow | Green/ Brown | |
| Castle, Menvier, Pyronix, Scantronic, Texecom | 2k2 | 4k7 | Red/ Yellow | Green/ White | |
| Aritech | 4k7 | 4k7 | Yellow | Green/ White | |
| Gardtec | 4k7 | 6k8 | Yellow | Green | |
| Guardall | 8k2 | 8k2 | Red | Red | (Note: Connect Blue & White) |

| Shared Zone Contact Table | | | | | |
|---------------------------|-----------|--------|--------------|--------------|--------------|
| Value | Contact 1 | | Contact 2 | | |
| | EOL | Alarm | EOL | Alarm | |
| 1k | 1k | Orange | Green/ Blue | Black | Green/ Blue |
| 2k2 | 2k2 | Orange | Green/ Brown | Red/ Yellow | Green/ Brown |
| 2k2 | 4k7 | Orange | Red/ Yellow | Red/ Yellow | Green/ White |
| 4k7 | 4k7 | Orange | Green/ White | Yellow | Green/ White |
| 4k7 | 6k8 | Orange | Green | Yellow | Green/ White |
| 4k1 | 8k6 | Orange | Brown/ Green | Brown/ Green | Red |

Description:
Grade 3 Class III
Angled Aluminium Contact
Pre-set, pre-fitted resistors potted

Operating Gap:
See Inset Tables

Material:
Aluminium,
I Metre 8 Core Armoured Cable

Magnets:
Ferrite or Alnico V

Contact Material:
Rhodium

Voltage Range:
15v DC Max

Switching Current:
500mA Max DC

Temperature Range:
-40°C to +50°C

Resistor Combinations:
Selectable through wiring combinations. See Inset Tables

Fixing Screws Provided

Description The YH10A is a fully sealed Angled Contact with integral magnetic interference tamper detection. It meets all of the necessary requirements for magnetic contacts permitting it to be used within Grade 3 installations. The contact has installer selectable End of Line (EOL) and Alarm contact bypass resistors, and benefits from the option of a second device connected in series.

Installation Fix the contact to the mounting surfaces using the screws provided. The magnet should be installed such that its large face is parallel to, and aligned with, the corresponding face of the contact.

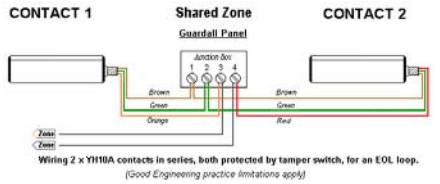
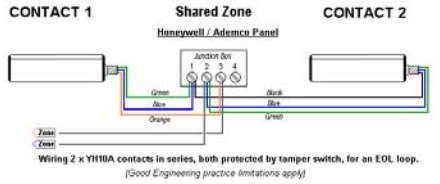
Operation. The table details the achievable operating gaps.
Note: Mounting on metal surfaces reduces the functionality according to the metal type and thickness

| Mounting Surface | Make Distance | Break Distance |
|------------------|---------------|----------------|
| Non-magnetic | 35mm | 45mm |

Wiring The YH10A is only suitable for use with systems using Supervised (EOL) wiring - Use the appropriate colour wires to achieve the necessary end of line and alarm bypass resistor values for the Control Panel (see 'Control Panel' table above). Only two connections are made to the Control Panel alarm circuit, and this provides both the alarm and tamper information. In the above table, if two colours are indicated, then those coloured wires shall be shorted together and both connected to one side of the alarm circuit.

IMPORTANT: Ensure unused wires cannot short to any other wire or connection, other than indicated by the 'Control Panel' table above.

This product meets the requirements of TSS0131-2-6 and is suitable for use in systems designed to comply with PD 6662 and EN50131.



YH10A Shared Zone Wiring

KNIGHT
FIRE & SECURITY PRODUCTS LTD
<mailto:info@knightfireandsecurity.com>

Unit 84 Seawall Road Ind. Estate
Cardiff UK CF24 5TH
Tel: 0 (00 44) 29 20 48 81 29
Fax: 0 (00 44) 29 20 48 91 32

Drwng No: **YH10A**
Drawn: *Chris Moorman*
Date: *04/09/09*

All dimensions in mm
Do not scale



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All cases of ™ Infringement will be pursued.