

Single Zone Contact Table								
Control Panel	Value		Single Contact					
	EOL	Alarm	EOL	Alarm				
Honeywell Ademco, Galaxy	1k	1k	Black	Green/ Blue				
Europlex	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 (Note: Connect	Red Sive & White)				

	Shared Zone Contact Table							
Value Contact 1		act 1	Contact 2					
EOL	Alarm	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

Universal Roller Shutter Contact. Preset, pre-fitted 8 Wire resistor options. Potted Multi Reed.

Operating Gap:

See Inset Tables

Material:

Aluminium, 1m 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 $+50^{\circ}$ C

Resistor Combinations:

Selectable through wiring combinations. See Inset Tables

Fixing Screws Provided

<u>Description</u>:- The YF10C is a fully sealed Roller Shutter 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.

<u>Installation</u>:- 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. The unit is reversible and may be used on both Left & Right Hand sides.

Operation.

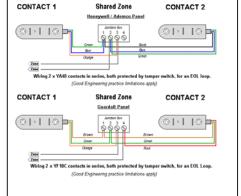
The table details the achievable operating gaps.

Mounting Surface	Make Distance	Break Distance	
Non-magnetic	35mm	46mm	

The YHFOC 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.

MPORTANT: 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 TS50131-2-6 and is suitable for use in systems designed to comply with PD 6662 and EN50131.



YF10C Shared Zone Wiring

KNIGHT

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Drawn: Chris Moorman

Date: 09/06/09

All units in mm Do not scale



° Knight Fire & Security Products Ltd All cases of ™ Infringement will be pursued.