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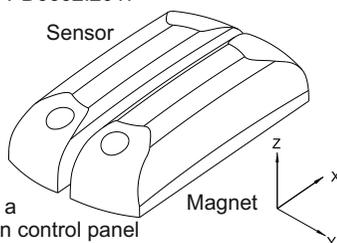


## QST \* Contact Wiring Guide

Product designed to meet the requirements of EN50131-2-6:2008 **Grade 2** and Environmental **Class II**. Suitable for use in systems designed to comply with PD6662:2017

### Features

- Surface terminal contact
- Built-In EOL resistors
- Configurable for Fully Supervised Loop (FSL) & Double Pole wiring



This table details the contact colour coding used to associate a contact with the correct value resistors for your current chosen control panel

Code	Colour	Resistor Values	Connection Mode	Control Panel
RD	Red	4k7 / 2k2	Series	ADE, Bosch, Castle, Menvier, Pyronix, Scantronic, Texcom
GN	Green	1k / 1k	Series	Honeywell
BL	Blue	8k2 / 8k2	Parallel	Guardall
GY	Grey	4k7 / 4k7	Series	Aritech, Pyronix
PU	Purple	6k8 / 4k7	Series	Guardtec
YL	Yellow	2k2 / 2k2	Series	Bosch, Europlex
OR	Orange	5k6 / 5k6	Series	DSB

### Operating Distances

Switch mounted on Non-Ferrous Surface (e.g. Wood, PVC, Aluminum)      Switch mounted on + Ferrous Surface (e.g. Iron, Steel)

		Switch mounted on Non-Ferrous Surface (e.g. Wood, PVC, Aluminum)	Switch mounted on + Ferrous Surface (e.g. Iron, Steel)
Y	Min Close (mm)	17	8
	Max Open (mm)	29	16
+/- X	Min Close (mm)	10	6 <sup>#</sup>
	Max Open (mm)	16	13 <sup>#</sup>
Z	Min Close (mm)	20	12 <sup>#</sup>
	Max Open (mm)	35	25 <sup>#</sup>

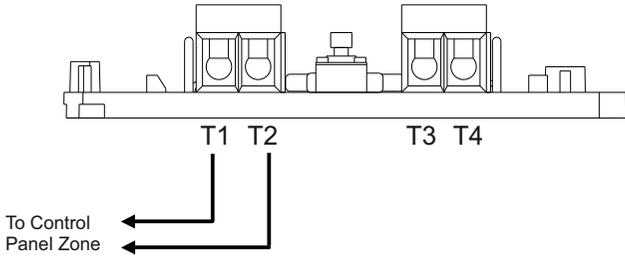
\* See product label for built in EOL resistors, For guidance purposes only, <sup>#</sup> At Y = 6mm

Unit can be wired in the following formats:

1. Fully supervised loop, single leaf door configuration: Figure 1
2. Fully supervised loop, double leaf doors configuration: Figure 2
3. Standard double pole wiring, single leaf door configuration: Figure 3
4. Standard double pole wiring, double leaf door configuration: Figure 4

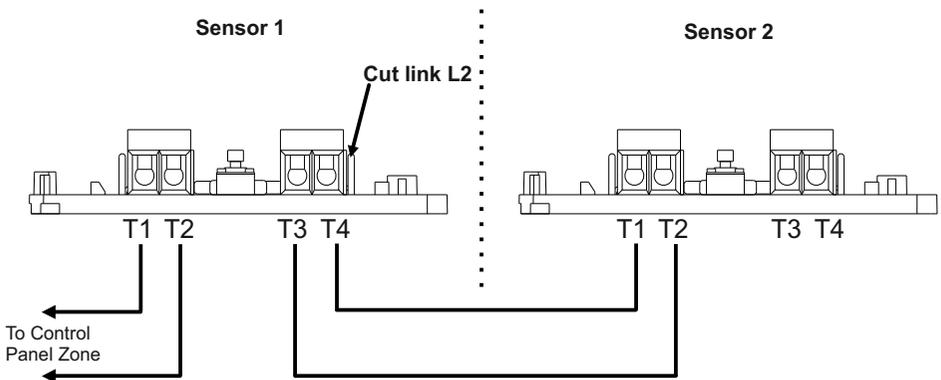
# FSL/EOL

Figure 1 - **Single** Leaf Door Arrangement  
Shunt Resistor + End Of Line Resistor (Series)



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Figure 2 - **Double** Leaf Door Arrangement  
Shunt Resistors + End Of Line Resistor (Series) \_



# Double Pole

Figure 3 **Single Leaf Door Arrangement**

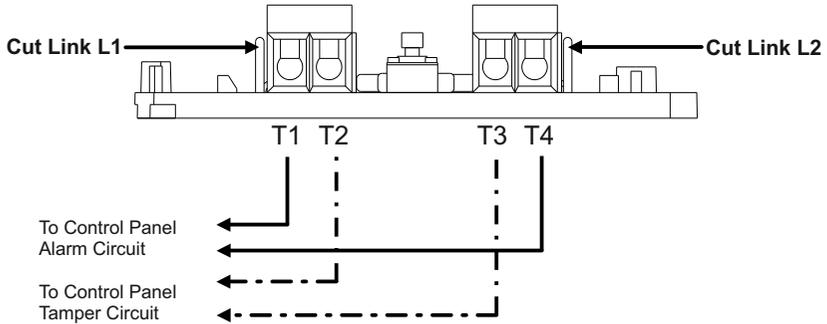
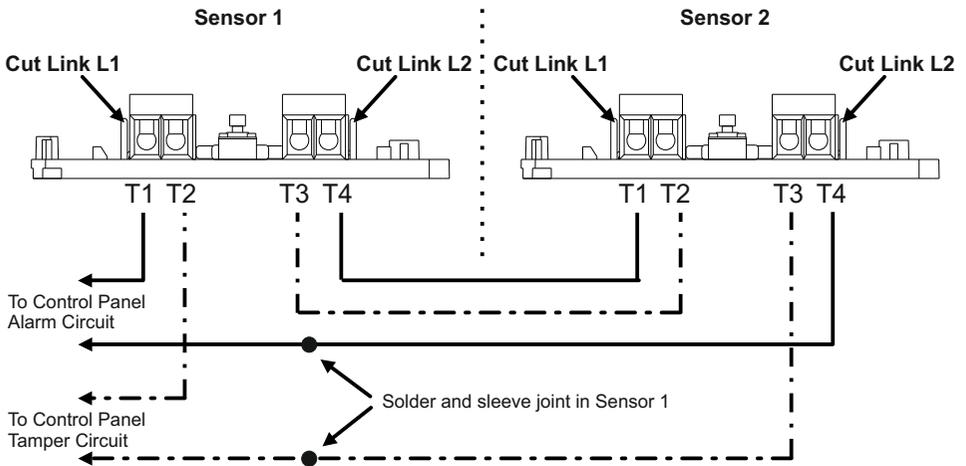


Figure 4 - **Double Leaf Door Arrangement**



# Specifications

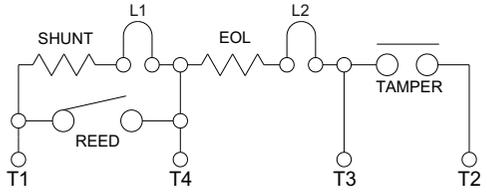
## Contact

Material	Rhodium
Power Handling	10VA
Voltage Rating	100Vdc, 150Vac Max
Current Rating - switch	1.0A Max
Current Rating - carry	1.5A Max
Resistance	<300mohms
Operating Life	>1 x 10 <sup>7</sup> operations

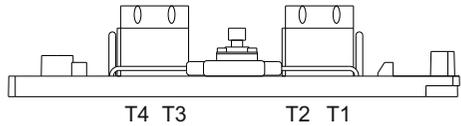
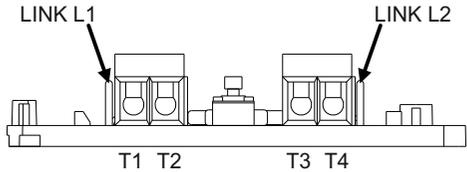
## Housing

Material	Plastic - ABS
Sensor Dimension	70 x 17 x 15mm
Sensor - Fixing Dimensions	52 mm centres
Mounting Screws	M3
Magnet Dimensions	70 x 17 x 15mm
Magnet - Fixing Dimensions	52 mm centres
Mounting Screws	M3
IP Rating	IP40
Temperature Range	-10°C to +40°C

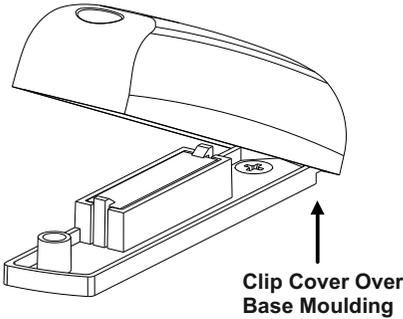
# Circuit Diagram



# Terminals



# Lid Attachment



# Fixing Positions

