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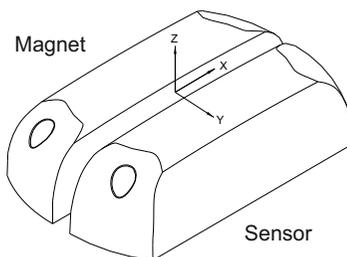
LST-GN Contact Wiring Guide

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

Suitable for Galaxy Control Panels using 1k/1k end of line resistors.

Features

- Large surface terminal contact
- Configurable for Fully Supervised Loop (FSL) & Double Pole wiring
- Single & multiple door operation
- High reliability cover tamper



Operating Distances

Switch mounted on
 Non-Magnetic Surface
 (e.g. Wood, PVC, Aluminum)

*Switch mounted on
 Magnetic Surface
 (e.g. Iron, Steel)

		Switch mounted on Non-Magnetic Surface (e.g. Wood, PVC, Aluminum)	*Switch mounted on Magnetic Surface (e.g. Iron, Steel)
Y	Min Close (mm)	40	27
	Max Open (mm)	54	36
+/- X	Min Close (mm)	13	11
	Max Open (mm)	19	18
Z	Min Close (mm)	52	43
	Max Open (mm)	67	53

* For guidance purposes only

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)

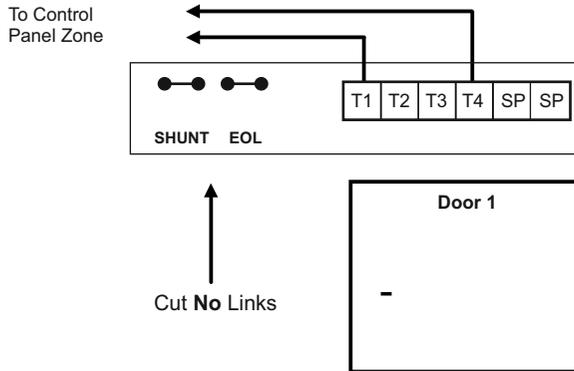
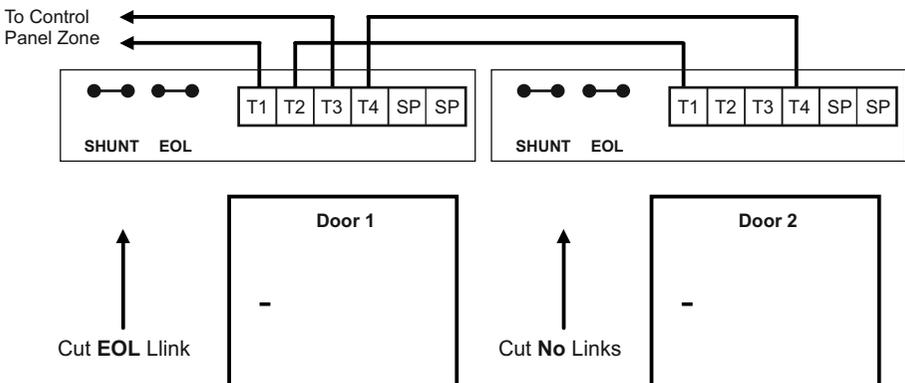


Figure 2 - **Double** Leaf Door Arrangement
Shunt Resistors + End Of Line Resistor (Series) _



Double Pole

Figure 3 **Single** Leaf Door Arrangement

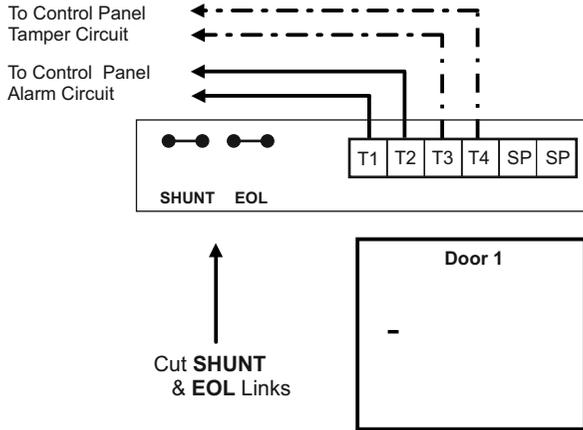
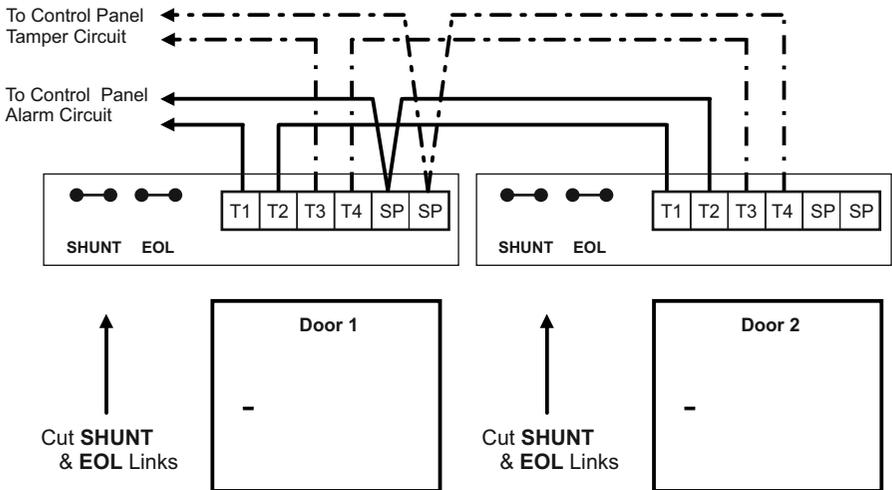


Figure 4 - **Double** Leaf Door Arrangement



Specifications

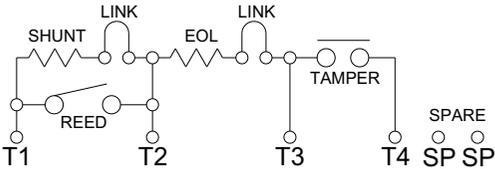
Contact

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 ⁶ operations

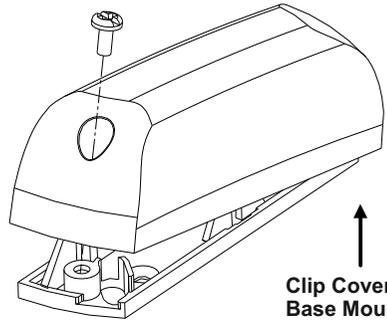
Housing

Material	Plastic - ABS
Sensor Dimension	93 x 25 x 25mm
Sensor - Fixing Dimensions	52 mm centres
Mounting Screws	M3
Magnet Dimensions	93 x 25 x 25mm
Magnet - Fixing Dimensions	45 mm centres
Mounting Screws	M3
IP Rating	IP40
Temperature Range	-10°C to +40°C

Circuit Diagram

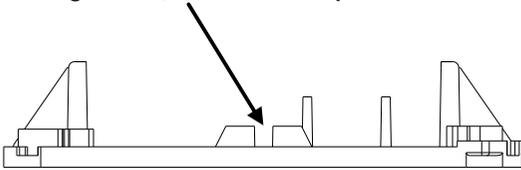


Lid Attachment



Cable Grip

Cable grip designed for 4 or 6 core cable.
For larger cable, trim walls as required.



Fixing Positions

