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QFT 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

Contact / Control Panel Colour Codes Spectrum Range

This table details the Contact colour coding system used to associate a Contact with the correct value resistors for your chosen Control Panel. The colour code is a suffix to the Contact product code. For example QFT-RD denotes a Red Contact with 4K7 and 2K2 resistors fitted.

Code	Colour	Resistor Values (Shunt/EOL)	Control Panel
RD	Red	4k7 / 2k2	ADE, Bosch, Castle, Menvier, Pyronix, Scantronic, Texecom
GN	Green	1k / 1k	Honeywell
BL	Blue	8k2 / 8k2	Guardall
GY	Grey	4k7 / 4k7	Aritech, Pyronix
PU	Purple	6k8 / 4k7	Guardtec
YL	Yellow	2k2 / 2k2	Bosch, Europlex
OR	Orange	5k6 / 5k6	DSC

Features

- 20mm diameter flush terminal contact
- Tampered Cover
- Single door operation
- Built-in EOL Resistors for use in FSL systems

Operating

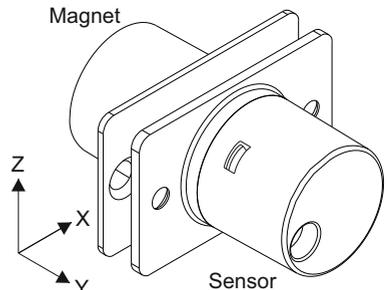
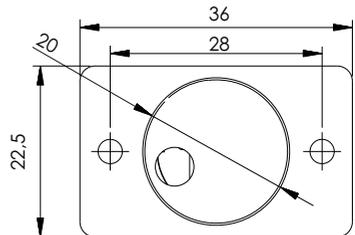
Distances (mm)

Non-Ferrous Surface
 (e.g. Wood, PVC,
 Aluminum)

Y	Min Close	10
	Max Open	18
+/- X	Min Close	13 [#]
	Max Open	25 [#]
Z	Min Close	5 [#]
	Max Open	12 [#]

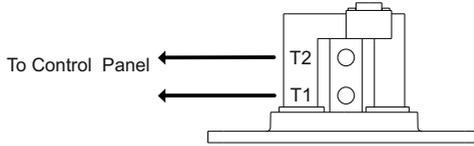
At Y = 6mm

Fixing Positions

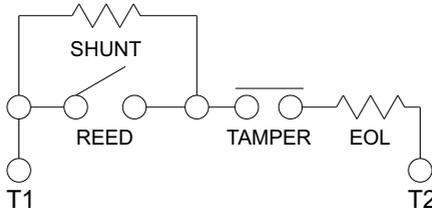


FSL/EOL

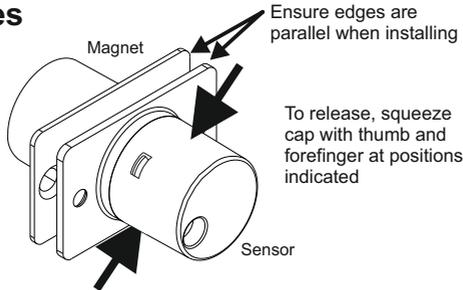
Figure 1 - Single Leaf Door Arrangement



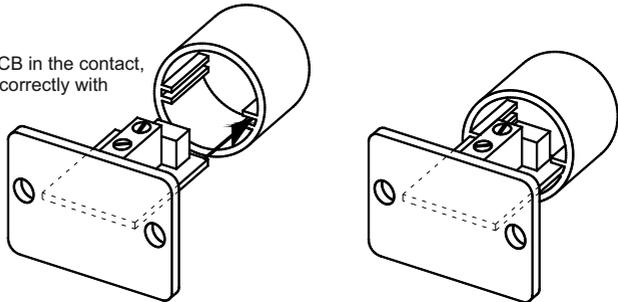
Circuit Diagram



Installation Notes



When fitting the cap over the PCB in the contact, ensure that the PCB is aligned correctly with locating ribs in the cap:



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 ⁸ operations

Housing

Material	Plastic - ABS
Flange Dimension	36 x 22.5 x 1.5mm
Body Dimension	DIA 20mm
Body Depth	20mm
Fixing Dimensions	28 mm centres
Mounting Screws	M3
IP Rating	IP40
Temperature Range	-10°C to +40°C