

**Approximate Operating Distances (mm)  
using Non Ferrous Surfaces**

X	Min Close	60mm
	Max Open	80mm
Z	Min Close	75mm
	Max Open	95mm

**Mounting on a ferrous surface will reduce these figures, dependant on the material and thickness.**

Please note that this is a standard chart for information and not all types are available on this model.  
Please ask your security distributor about availability.

Type	Control Panel	Switch	Tamper
A	Honeywell, Ademco, Microtech	1K	1K
B	Scantronic, Menvier, Pyronix PCX (12, 22, 44, 128 VID), Texecom, Castle CareTech G3 Plus	4K7	2K2
C	Guardall Network 1 Configuration only.	8K2	8K2
D	DSC	5K6	5K6
E	Guardtec	6K8	4K7
F	Bosch, DA Abacus	8K2	3K9
G	Castle Care-Tech	13K	1K
H	Europlex	2K2	2K2
I	Pyronix Matrix, PCX SMS, 134, 256.	4K7	4K7

### Specifications

Switch		Housing	
Contact Material:	Palladium	Material:	Aluminium
Cable :	7/0.2 Copper	Armoured Cable Length:	Model Dependant
Contact Rating:	0.25A @ 12Vdc	Contact Dimension (mm):	175mm x 50mm x 14mm
Contact Resistance:	200 milliOhms	Contact Fixing (mm):	107mm centres
Temperature Range:	-15° C to +40° C	Magnet Dimension (mm):	83mm x 86mm x 32mm
Life Expectancy:	>1,000,000 cycles	Magnet fixing (mm)	50mm centres

#### Environmental Advice.

This product is covered by current WEEE regulations. Please consider the effect on the environment when disposing of it. Do not put in a domestic waste bin. Only dispose of at an appointed recycling centre.



RoHS compliant.

This product is designed to meet the requirements of EN50131-2-6:2008  
Security grade 2 , environmental class III



## RS002/ALI/\* Roller Shutter Contact.

\* Type dependant

Magnetic contact suitable for roller shutters.

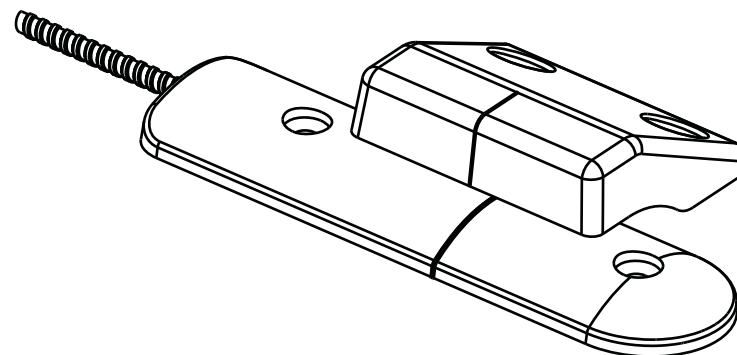
Heavy duty construction

EOL and double pole configuration (8 wire version)

Can be used in installations up to and including grade 2.

Sealed to prevent tampering.

## Operating and Installation Instructions



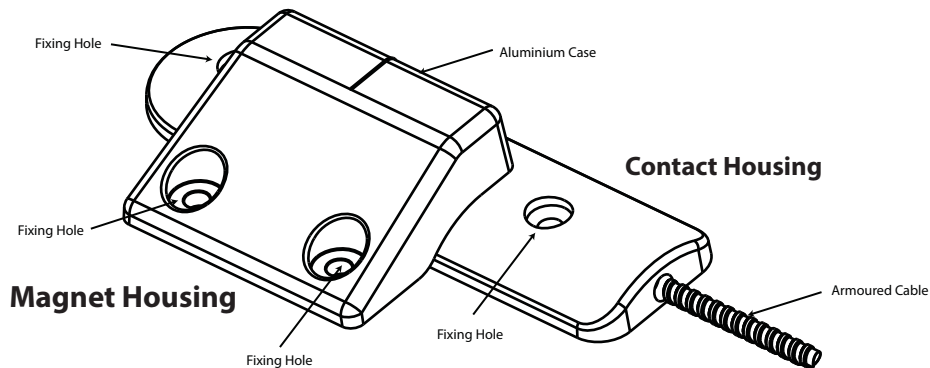
### Description

These heavy duty roller shutter contacts can be used in most security systems up to and including grade 1 & 2 as specified in EN50131-1:2006 and is compliant with EN50131-2-6:2008 and environmental class III. It operates as a normally closed circuit going open when the magnet housing is moved away from the contact housing. This contact can be used on roller shutter doors to detect the unauthorized entry of an intruder. The contact is sealed to prevent access to the inside.

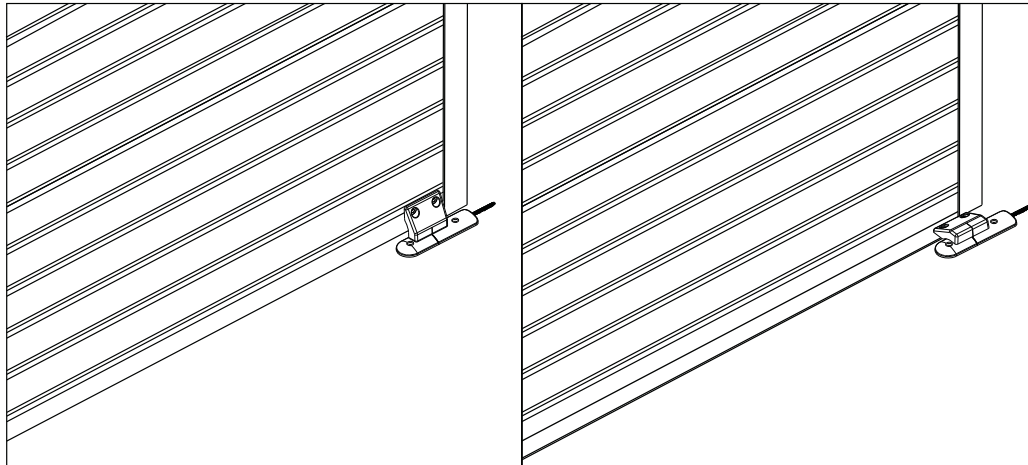
**CQR Security. 125, Pasture Road, Moreton, Wirral. CH46 4TH, United Kingdom**

Tel: +44 (0) 151 606 9595 Support: +44 (0) 151 606 6311 email: info@cqr.co.uk Web <http://www.cqr.co.uk>

## Features



## Suitable Applications and Fixing Points



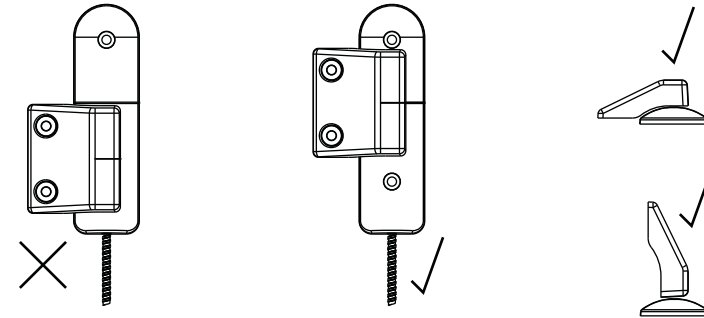
## Typical Roller Shutter Installation

### Mounting Instructions

Please see the diagrams above to ensure that the contact is mounted in the most suitable location.

Mark out the position of the magnet housing and secure in place with M6 nuts and bolts. Place the reed housing in such a position so that it does not restrict the door closing and so that the two pieces are located together and lined up as shown in the mounting configurations. Drill the floor using wall plugs designed to accept No 12 pan head screws, typically 7-8mm. Terminate the contact as shown in the diagrams using a suitable junction box that can isolate the spare wires from each other. We recommend the use of a CQR JB757 as an ideal choice.

## Mounting Configurations



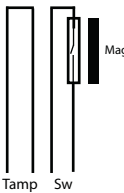
## Wiring Configurations

RS002/ALI  
(4 Wire)

### For standard contacts (Double Pole)

The two stripped wires are the switch

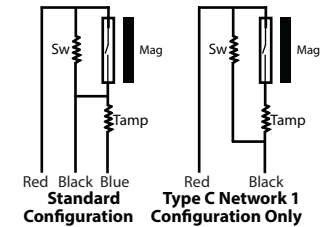
The two unstripped wires are the tamper loop



RS002/ALI/G2/\*  
(3 & 2 Wire)

### Wiring connections for EOL

Switch - Red  
Tamper - Blue  
Common - Black



RS002/ALI/G2/AB  
(8 Wire)

