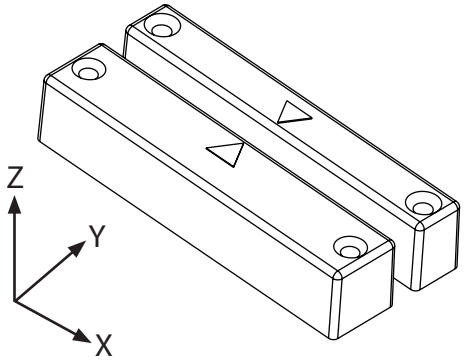


Approximate Operating Distances (mm)
on Non-Ferrous surfaces

X	Min Close	5mm
	Max Open	9mm
Y	Min Close	10mm
	Max Open	25mm
Z	Min Close	20mm
	Max Open	35mm

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

Specifications

Switch		Housing	
Contact material:	Palladium	Material:	HIPS
Contact rating:	1A @12Vdc	Contact Dimensions (mm):	65 x 13 x 13
Contact resistance:	100 milliohms	Contact fixing centres (mm):	56
Temperature Range:	-10 ºC to +40 ºC	Magnet Dimensions (mm):	65 x 11 x 13
Life expectancy:	>1,000,000cycles	Magnet fixing centres (mm):	56

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

issue:4-061020

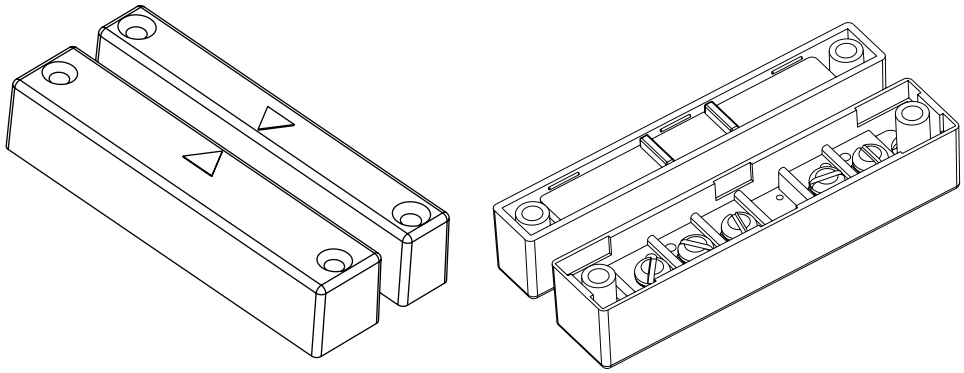
CQR
First choice for quality

SC517/WH

Surface contact
Grade 1
Env Class II

5 060399 127936

Operating and Installation Instructions



This compact surface mounted magnetic contact can be used in security systems up to and including security grade 1 & environmental class II (for use indoors) as specified in EN50131-1 and is compliant to EN50131-2-6.

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 window and doors to detect the unauthorised entry of an intruder.

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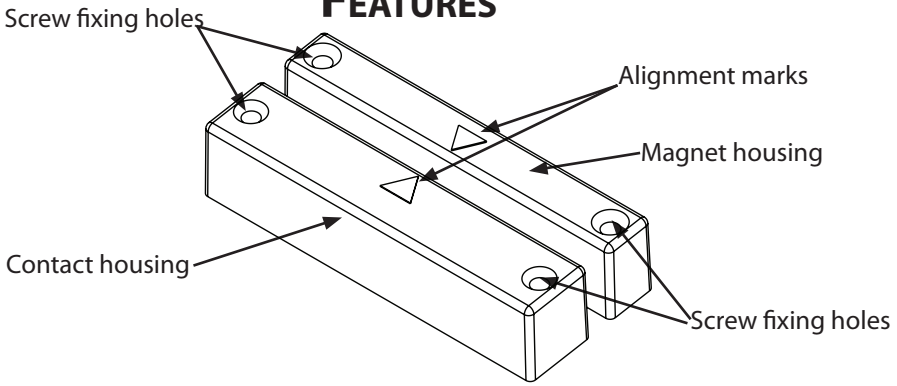
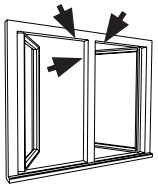
Features



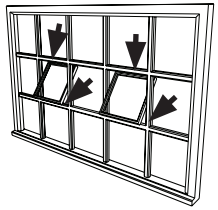
Suggested applications

Recommended fixing points

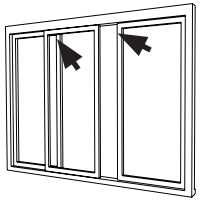
Casement windows



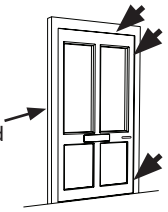
Factory windows



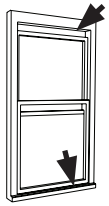
Patio doors



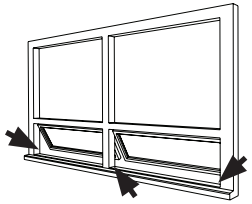
Residential doors



Sash windows



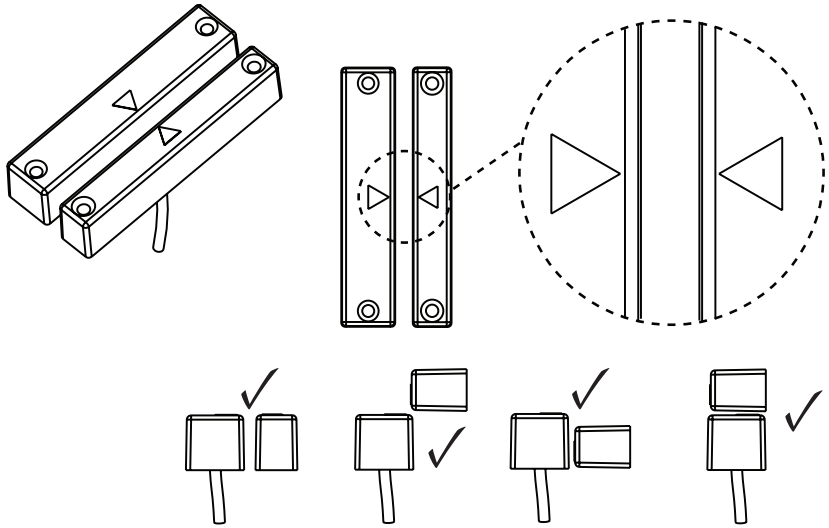
Wooden awning windows



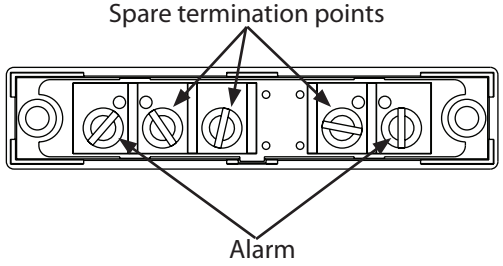
Mounting Instructions

Please see the suggested application diagrams above, to aid you in selecting the most suitable location. Generally the contact should be placed at the furthest point from the hinge.
Mark the position of the contact housing fixing points, using an appropriate drill, drill the holes for the fixing points. Drill a suitable hole through the door/window frame and feed the cable through it.
Connect the wires to the appropriate screw terminals as shown in the wiring confirguration.
Secure the contact housing to the surface of the door/window with the screws provided.
Mark the position of the magnet housing fixing points, using an appropriate drill, drill the holes for the fixing points and secure the magnet housing in place with the screws provided.
Terminate the wires into a suitably placed junction box. We recommend the use of a CQR JB701 for this application.

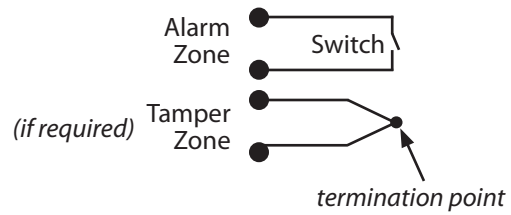
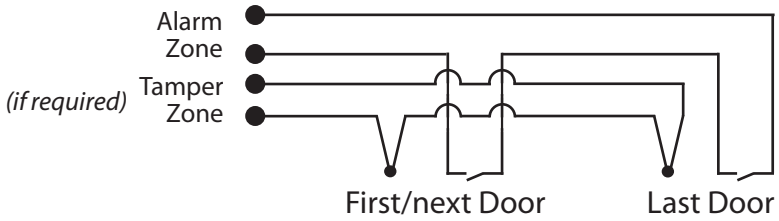
Mounting configuration



Wiring configuration



Single door



Multiple doors