

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 °C to +40 °C	Magnet Dimensions (mm):	65 x 11 x 13
Life expectancy:	>1,000,000cycles	Magnet fixing centres (mm):	56

Environmental Advice

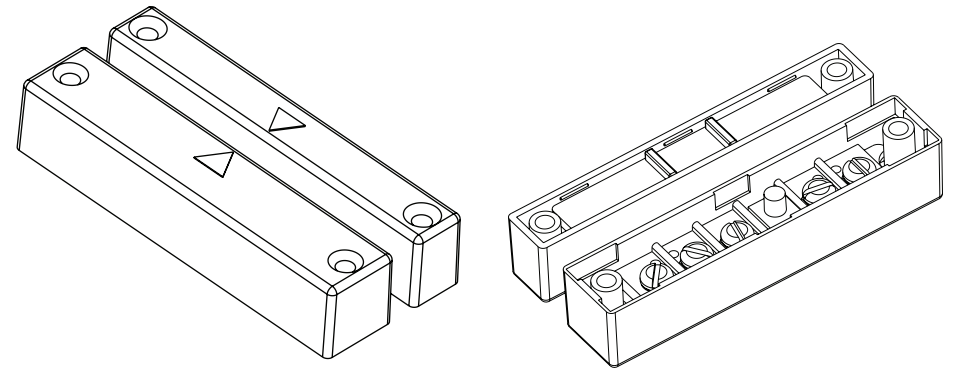
This product is covered by current WEEE regulations. Please consider the effect on the environment when disposing of it. Do not put in a domestic waste bin. Only dispose of, at an appointed recycling centre



SC517/WH/G2
Surface contact
Grade 2
Env Class II



OPERATING AND INSTALLATION INSTRUCTIONS



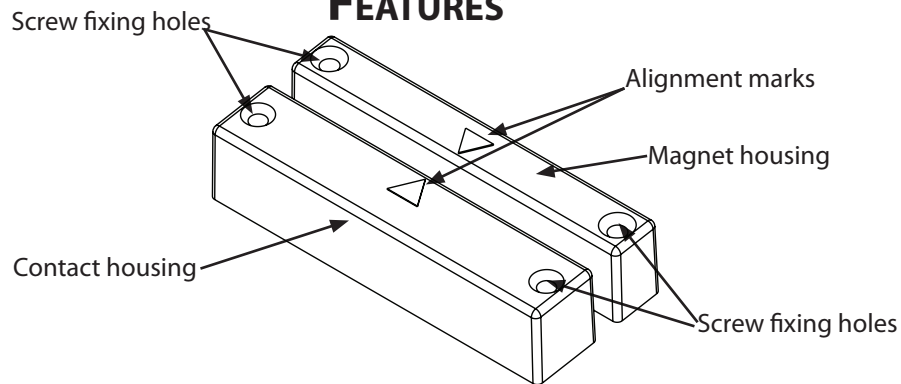
This compact surface mounted magnetic contact can be used in security systems up to and including security grade 2 & environmental class II (for use indoors) as specified in EN50131-1 and is compliant to EN50131-2-6.

It operates as a normally closed circuit going open when the magnet housing is moved away from the contact housing and it is fitted with a micro-switch to detect unauthorised tampering of the contact.

This contact can be used on window and doors to detect the unauthorised entry of an intruder.

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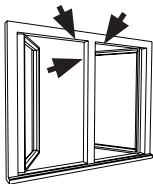
FEATURES



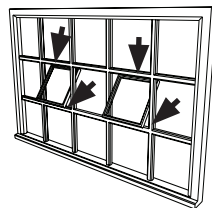
SUGGESTED APPLICATIONS

Recommended fixing points ➤

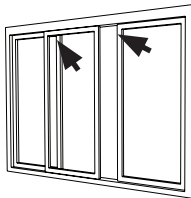
Casement windows



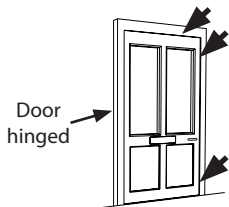
Factory windows



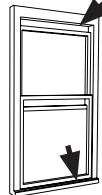
Patio doors



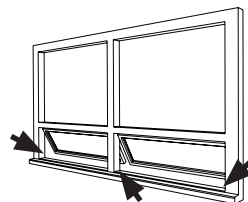
Residential doors



Sash windows



Wooden awning windows

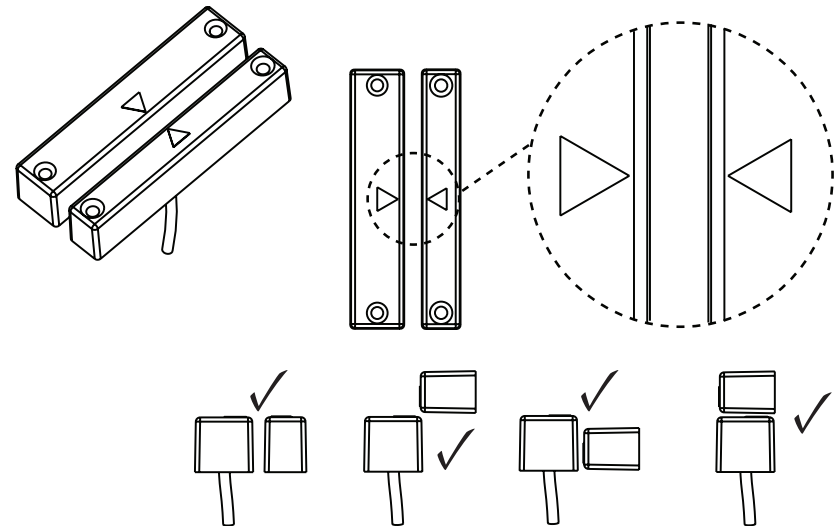


MOUNTING INSTRUCTIONS

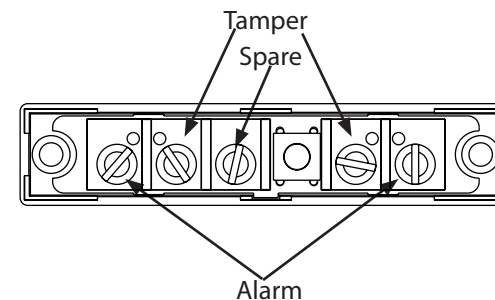
Please see the suggested application diagrams above, to aid you in selecting the most suitable location. Generally the contact should be placed at the furthest point from the hinge. Mark the position of the contact housing fixing points, using an appropriate drill, drill the holes for the fixing points. 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 configuration. 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.

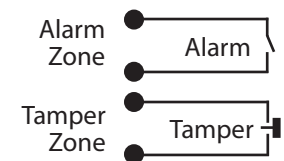
MOUNTING CONFIGURATION



WIRING CONFIGURATION



Single door



Multiple doors

