

This product is designed to meet the requirements of BSEN 50131-2-6:2008 **GRADE 2** environmental **CLASS II**.

Please read these instructions fully before installation.  
**SC517/(WH or BR)/MULTI/G2**  
**Surface Contact**  
**G2 EII**

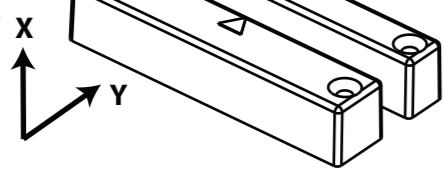
Screw terminals, micro-switch tamper  
 Selectable EOL resistance  
 Suitable for double door applications



Approximate Operating Distances (mm) with reed  
 closest to the arrow and using Non Ferrous Surfaces

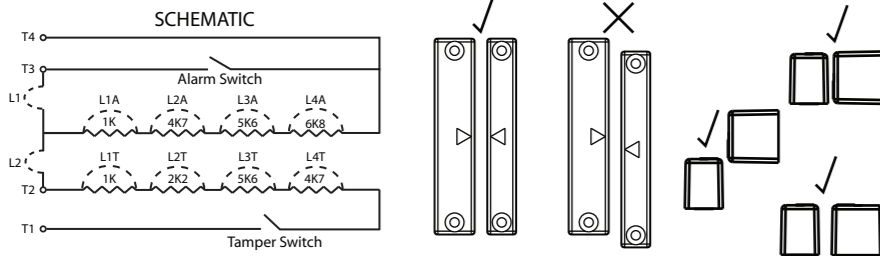
X	Min Close	17 mm
	Max Open	35 mm
Y	Min Close	15 mm
	Max Open	25 mm

Mounting on Ferrous Surface  
 will reduce these figures.



**INSTRUCTIONS**

When mounting the units please refer to all the sketches. The arrows on both parts need to point towards each other. Certain mounting positions are not recommended, refer to the diagrams below. We recommend that the pcb assembly is inserted with the circuit board nearest to the arrow, this will give maximum operating gap.



**Control panel types available on this model.**

Type	Control Panel	Alarm	Tamper
A	Honeywell, Ademco Microtech	1K	1K
B	Scantronic, Menvier, Pyronix PCX (12, 22, 44, 128 VID), Texecom, Castle CareTech G3 Plus.	4K7	2K2
D	DSC.	5K6	5K6
E	Guardtec	6K8	4K7
I	Pyronix Matrix, PCX SMS, 134, 256.	4K7	4K7

**Specifications**

Switch	Housing
Contact Material: Rhodium	Material: Polystyrene
Contact Rating: 500mA @ 12Vdc	Contact Dimension (mm): 65 x 13 x 13
Contact Resistance: 100 milliOhms	Contact Fixing (mm): 26 centres
Temperature Range: -15° C to +40° C	Magnet Dimension (mm): 65 x 11 x 13
Life Expectancy: > 1,000,000 cycles	Magnet fixing (mm): 26 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.



**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

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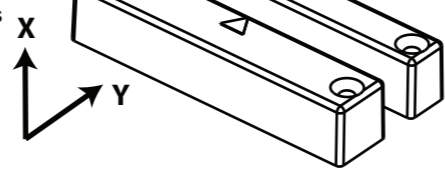
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Approximate Operating Distances (mm) with reed  
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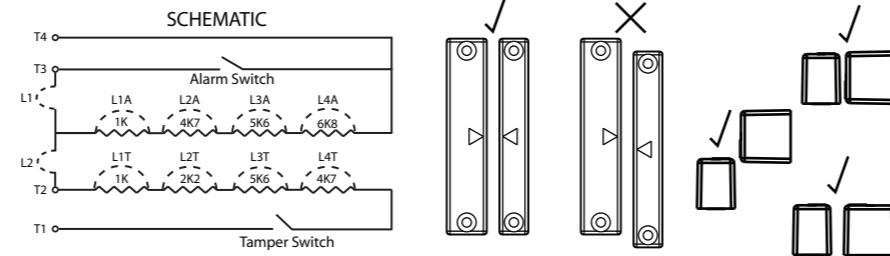
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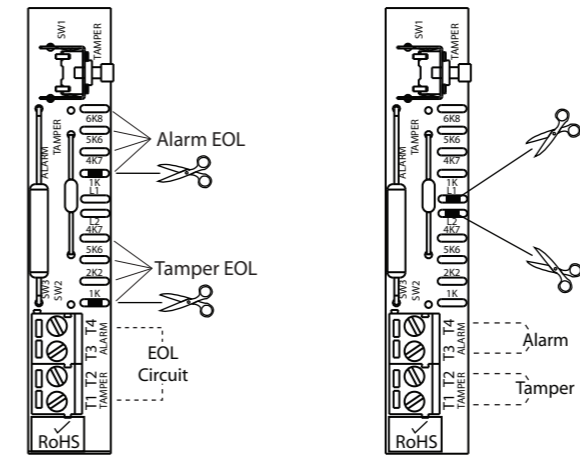
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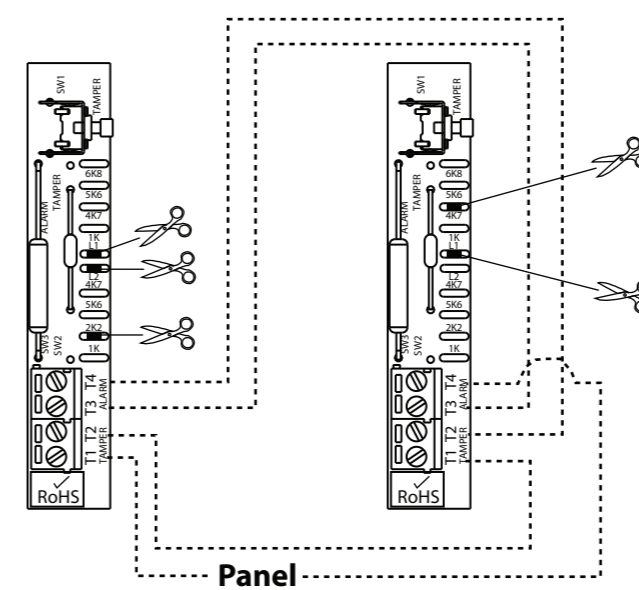
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**Fully Supervised (Panel type A illustrated)**  
 Cut appropriate resistor links  
 (1K 1K illustrated).  
 EOL Circuit T1 and T4

**Double Pole**  
 Cut links L1 and L2  
 Alarm Circuit T3 and T4  
 Tamper Circuit T1 and T2

**Double Door Fully Supervised Connections. (Panel type B illustrated)**



**Unit 1**

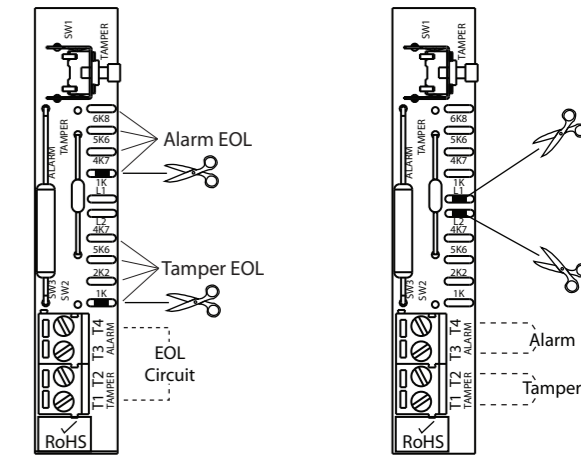
Cut links L1 and L2  
 Cut appropriate tamper resistor link  
 (2K2 illustrated)  
 Connect T1 to panel

**Interconnections**

Connect T2 unit 1 to T1 unit 2  
 Connect T4 unit1 to T2 unit 2  
 Connect T3 unit1 to T3 unit 2

**Unit 2**

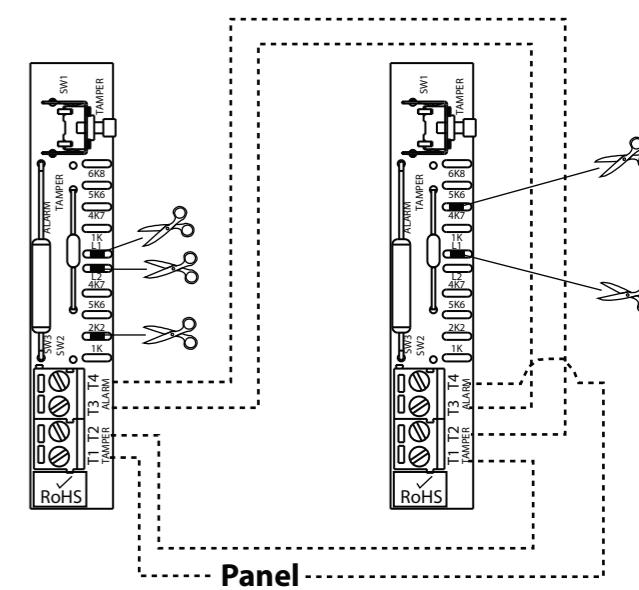
Cut link L1 only  
 Cut the appropriate alarm resistor link  
 (4K7 illustrated)  
 Do not cut any tamper resistor links.  
 Connect T4 to panel



**Fully Supervised (Panel type A illustrated)**  
 Cut appropriate resistor links  
 (1K 1K illustrated).  
 EOL Circuit T1 and T4

**Double Pole**  
 Cut links L1 and L2  
 Alarm Circuit T3 and T4  
 Tamper Circuit T1 and T2

**Double Door Fully Supervised Connections. (Panel type B illustrated)**



**Unit 1**

Cut links L1 and L2  
 Cut appropriate tamper resistor link  
 (2K2 illustrated)  
 Connect T1 to panel

**Interconnections**

Connect T2 unit 1 to T1 unit 2  
 Connect T4 unit1 to T2 unit 2  
 Connect T3 unit1 to T3 unit 2

**Unit 2**

Cut link L1 only  
 Cut the appropriate alarm resistor link  
 (4K7 illustrated)  
 Do not cut any tamper resistor links.  
 Connect T4 to panel