

Elmdene International Ltd
3 Keel Close, Interchange Park,
Portsmouth, Hampshire, PO3 5QD, UK

Tel: +44(0)23 9269 6638

Fax: +44(0)23 9266 0483

Web: www.elmdene.co.uk

VS303 High Security Contact

FEATURES

Product designed to meet the requirements of EN50131-2-6:2008 Grade 3 and Environmental Class III. Suitable for use in systems designed to comply with PD6662:2017. Approved for UK Government use; for details contact CPNI.

INSTALLATION

The VS303 sensor, magnet and cover are supplied as a matched set. Do not attempt to use the sensor with any other magnet except as supplied or you may experience incompatibility problems.

Mount the magnet to the opening fixture and fix the cover with the screws provided so the magnet fixings are not visible and the black spot on the underside of the cover is still visible.

Fix the sensor such that when the door is closed, all the fixing screws are covered and the dots on the magnet and sensor are aligned. Ideally the gap between sensor and magnet should be no more than 5mm. Fig 1 shows the only permissible arrangement of Sensor and Magnet.

SPECIFICATION

Contact		Housing	
Material	Rhodium	Material	Aluminium
Power Handling	3VA	Sensor/Magnet Dimensions (mm)	109 x 38 x 19
Voltage Rating	100V dc	Sensor/Magnet Fixing Centres (mm)	88
Current Rating	0.5A	Sensor/Magnet Fixing Screws (mm)	M4
Resistance	400 mOhm	IP Rating	IP67
Operating Life	10 x 10 ⁷		
Temperature Range	-25°C to +50°C		

CONNECTION

Four white wires are provided, the switched circuit is stripped, the two tamper wires are not stripped.

OPERATING DISTANCES

AXIS	MODE	CONTACT MOUNTING SURFACE	
		NON FERROUS	FERROUS
Y	MIN CLOSE	5MM	5MM
	MAX OPEN	11MM	11MM
X	MIN CLOSE	5MM	5MM
	MAX OPEN	5MM	5MM
Z	MIN CLOSE	5MM	5MM
	MAX OPEN	10MM	10MM

FIG 1

