

ELMDENE

Protecting People & Property

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

VS302 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.

INSTALLATION

The VS302 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. Fix the sensor such that, when the door is closed, the dots on the magnet and sensor are aligned, see fig 1. 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	6MM	2MM
	MAX OPEN	15MM	7MM
X	MIN CLOSE	5MM	3MM
	MAX OPEN	11MM	9MM
Z	MIN CLOSE	5MM	3MM
	MAX OPEN	10MM	7MM

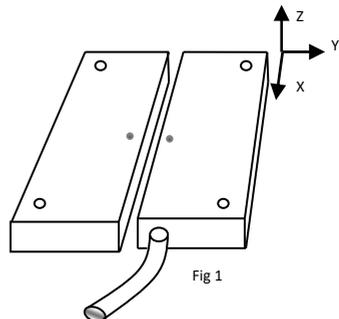


Fig 1