



Made in the UK

SCREW MOUNTING MAGNETIC SWITCHES

The following magnetic switches all feature reed switch sensors. Reed switches are hermetically sealed and classed as simple apparatus. Electronic magnetic sensors and high power reed switches are also available.

Reed switch specifications and ordering information



SMW / RD / LED / 2M

Housing options (all rated at IP67)		
Order code	Description	Dimensions
SMW	White nylon 6	L36 x W12.5 x T9.5mm with Ø3.2mm fixing hole and slot to suit centres in the range 22.4 – 25.6mm
SMB	Black nylon 6	
TWA	Black aluminium	L38 x W12.5 x T9.5mm with 2 x Ø3.6mm fixing holes on 25.0mm centres

Reed switch options			
Order code	Description	Maximum electrical specifications	Standard cable (others available on request)
RD	Normally open (SPST, Form A)	240Vac/dc 1A (500mA for LED option) 50W/VA	PVC, 2 cores 16/0.2mm Ø5.0mm black outer sheath (-10°C to +80°C)
HS	High sensitivity (SPST, Form A)	120Vac/dc 500mA 10W/VA	PVC, 2 cores 7/0.2mm Ø3.5mm black outer sheath (-20°C to +80°C)
CO	Changeover (SPDT, Form C)	120Vac/dc 500mA 10W/VA	PVC, 2 cores 7/0.2mm Ø3.5mm black outer sheath (-20°C to +80°C)

LED option (only available with SMW housing, leave blank if not required)		
Order code	Description	Limitations
LED	Red LED causes switch housing to light up when reed switch is closed	Only available with the SMW housing Limits current to 500mA max.

Cable options - Enter required cable length in metres

Magnet specifications and ordering information

SMW/M, SMB/M and TWA/M (housing specifications as above)
Sensing range for magnet with each switch type:

Reed switch	RD	HS	CO
Sensing range	18mm	24mm	14mm