

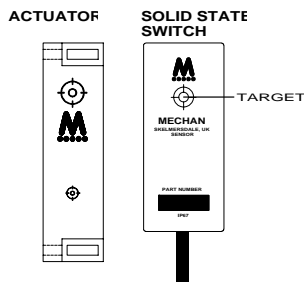
MECHAN CONTROLS

MAGNASAFE

MS1

SOLID STATE SWITCH

INSTALLATION GUIDE



1) PART NUMBERS:

MS1-Solid-state
MS1-ACT

Note: Longer cable lengths can be ordered by changing the last 3 digits of the part number (eg 10M = 10 metre cable)



This information is designed to help suitably qualified personnel install and operate Mechan Safety Switch equipment. Before using this product, read this guide thoroughly along with any relevant European and/or National standards e.g. Machinery Directive 89/392/EEC and it's amendments, Provision and Use of Work Equipment Regulations. Further information can be obtained from Mechan Controls Limited

***** KEEP THIS GUIDE FOR FUTURE REFERENCE *****

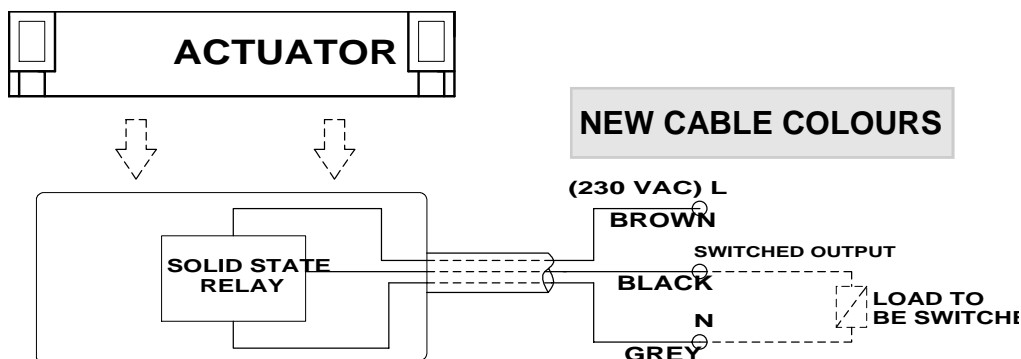
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2) DESCRIPTION

The MAGNASAFE switch is a magnetically operated non-contact switch for use in **control applications**.

Mechan Controls also manufacture a range of Safety Switches, including standard magnetic, coded magnetic- tamper-resistant and tamper-proof safety systems which may be more suitable for some applications. For more information ask for details on the ISIS; F-SERIES and CODEX safety systems.

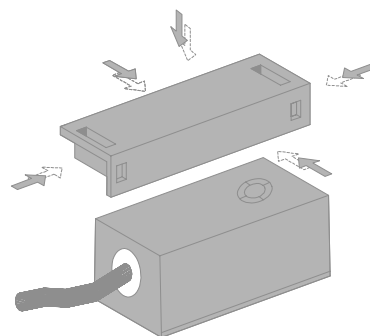
3) CONNECTION



4) INSTALLATION

This Magnasafe non-contact control switch and actuator can approach each other from any angle as shown.

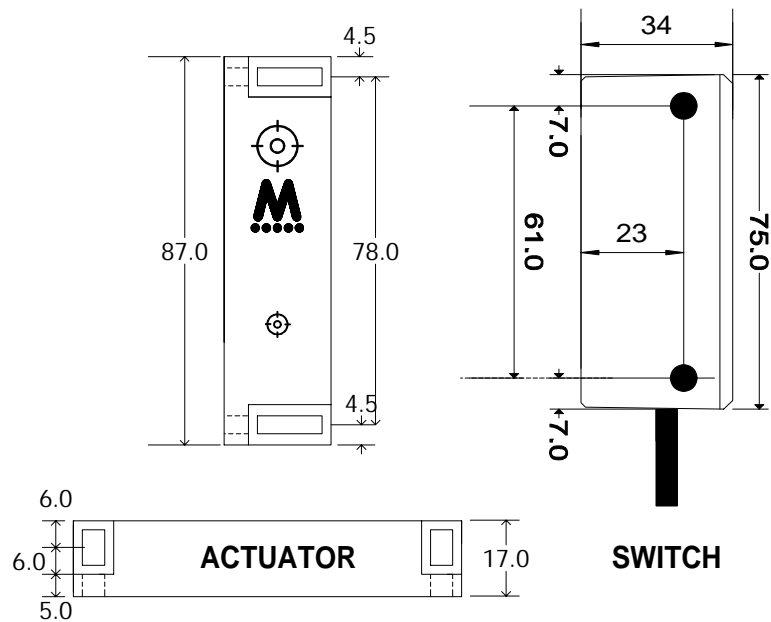
When the switch and actuator's targets are facing each other and aligned the switched output (BLACK) will be turned on.



Mechan Controls PLC

MECHAN CONTROLS LIMITED, 14/16 SEDDON PLACE, STANLEY INDUSTRIAL ESTATE, SKELMERSDALE, LANCASHIRE, WN8 8EB, UK
TELEPHONE : + 44 (0)1695 722264 FAX : + 44 (0)1695 729664 EMAIL : info@mechancontrols.co.uk WEB : www.mechancontrols.co.uk

5) DIMENSIONS



6) TECHNICAL SPECIFICATION

PART NUMBER & VOLTAGE	MS1-SolidState
Contact Arrangement	SWITCHED NORMALLY OPEN SOLID STATE OUTPUT
Safety Contact Operating Distance	18mm ON / 25mm OFF
IP Rating	IP67
Operating Temperature	-10 to +55C
Mounting & Fixture	TARGET TO TARGET, FIX WITH TAMPER PROOF SCREWS
Colour & Construction	ABS RED HOUSING

7) PART NUMBERS & STOCK ORDER CODES

DESCRIPTION	PART NUMBER	STOCK NUMBER
MS1 Magnasafe Control Switch	MS1-SolidState	355.000
MS1 Magnasafe : Actuator only	MS1-ACT	354.099