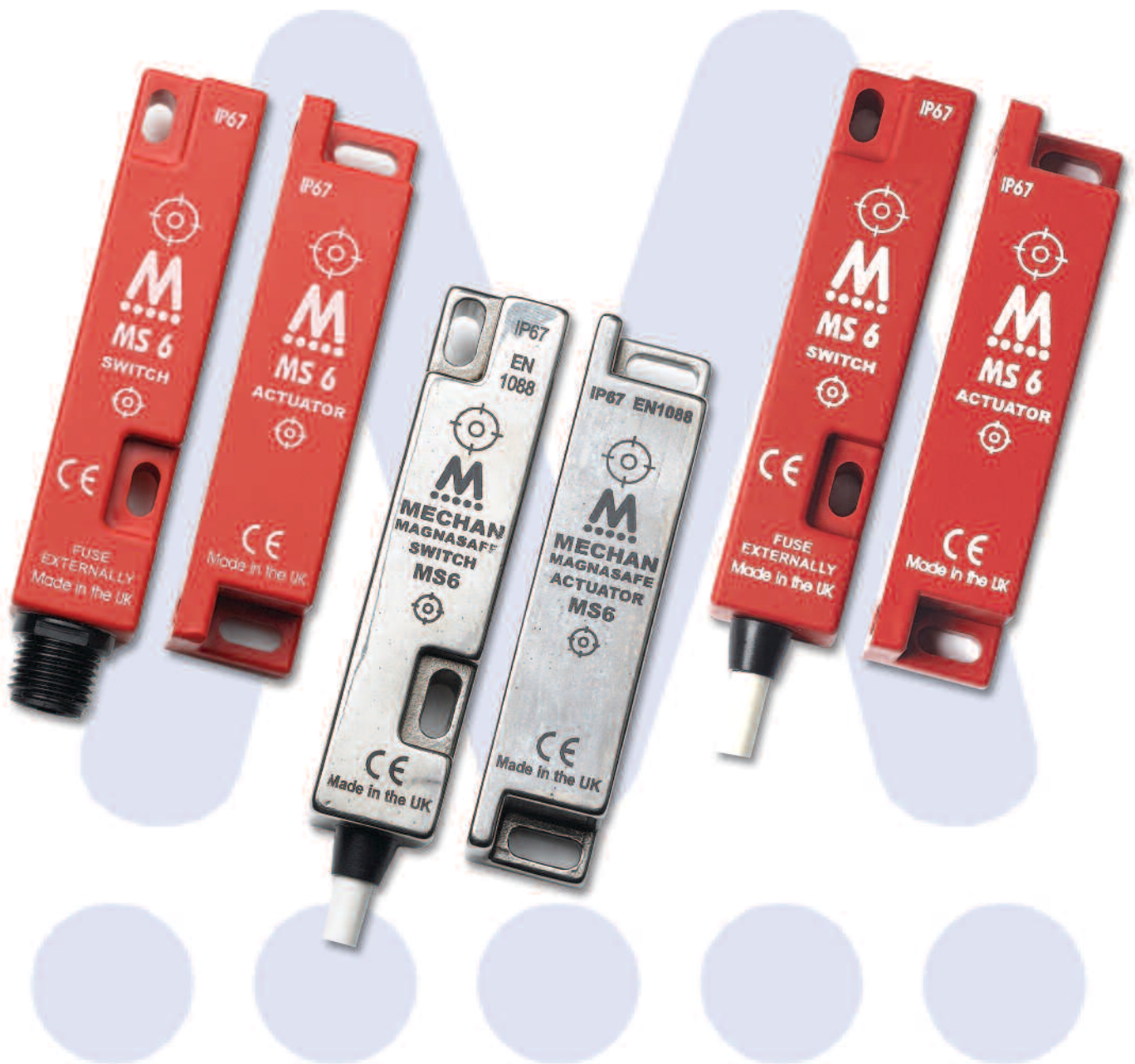


MAGNASAFE



Machinery Safety Switches



Short-form Guide



MS1

Standard rectangular, IP67 safety switch.

The MS1 is Mechan's standard, IP67 rectangular safety switch, with the option of up to 2 safety contacts and 1 indicator contact. Available with either AC or DC switching, the MS1 is easy to install and integrate into most safety circuits.

MS2

18mm Barrel Mounting IP67 safety switch.

The MS2 is a slim, 18mm, Barrel Mounting safety switch with 1 safety contact and an optional indicator contact if required. The IP67, robust, 18mm barrel shape is easy to install into the frame of a machine guard.

MS3

30mm Barrel Mounting, IP67 safety switch.

The MS3 is a 30mm Barrel Mounting safety switch with up to 2 safety contacts and 1 indicator contact. The MS3 safety switch is easy to adjust and robust enough to be installed in the harshest of environments.

MS4

Compact 22mm fixing IP67, safety switch. ABS or Stainless Steel

The MS4 is our smallest safety switch still capable of switching 1Amp at 30VDC. The 22mm fixing makes this switch easy to install onto more compact machine guards frames.

Contacts : MS1

MS1-21-AC	
MS1-21-DC	
MS1-20-AC	
MS1-20-DC	
MS1-11-AC	
MS1-11-DC	
MS1-10-AC	
MS1-10-DC	

Contacts : MS2

MS2-11-AC	
MS2-11-DC	
MS2-10-AC	
MS2-10-DC	

Contacts : MS3

MS3-21-AC	
MS3-21-DC	
MS3-20-AC	
MS3-20-DC	
MS3-11-AC	
MS3-11-DC	
MS3-10-AC	
MS3-10-DC	

Contacts : MS4

MS4-11-DC	
MS4-SS-11-DC	
MS4-10-DC	
MS4-SS-10-DC	

SPECIFICATION	MS1	MS2	MS3	MS4
Safety Contacts	1 or 2	1	1 or 2	1
Safety Contact ratings	230Vac/2A; 30Vdc/1A	230Vac/2A; 30Vdc/1A	230Vac/2A; 30Vdc/1A	30Vdc/1A
Auxiliary Contact	1	1	1	1
Auxiliary Contact rating	15W/10VA	15W/10VA	15W/10VA	15W/10VA
Dimensions ABS	87x24x19mm	M18x80mm	M30x80mm	52x28x14mm
Stainless	N/A	N/A	N/A	53x29x13.5mm
Construction	Red ABS	Red ABS	Red ABS	Red ABS or 316 Stainless
IP Rating	IP67	IP67	IP67	IP67

NEW PRODUCTS





MS5

Compact 22mm fixing, low current, IP67, safety switch. ABS or Stainless Steel

Our most cost effective dual channel safety switch is also available in stainless steel and with a quick disconnect option.



Contacts : MS5

- MS5-21-DC 
- MS5-SS-21-DC 
- MS5-SS-21-DC-LQD



MS6









SLIMLINE, 3 CONTACT SAFETY SWITCH, IP67, ABS

The new MS6 is the slimmest ABS safety switch with up to 2 safety contacts and 1 auxiliary.

Suitable for use in dual channel circuits, the MS6 is easy to install, and with a 10mm switching distance it is tolerant to misalignment.

Now available in cost saving ABS, this switch has more contacts, and can be used in more applications than ever before. The MS6 is also available with M12 quick disconnect for ease of maintenance.









Contacts : MS6

- MS6-21-AC 
- MS6-21-DC 
- MS6-20-AC 
- MS6-20-DC 
- MS6-11-AC 
- MS6-11-DC 
- MS6-10-AC 
- MS6-10-DC 



MS6-QD

Contacts : MS6-QD

- MS6-21-AC-QD 
- MS6-21-DC-QD 
- MS6-20-AC-QD 
- MS6-20-DC-QD 
- MS6-11-AC-QD 
- MS6-11-DC-QD 
- MS6-10-AC-QD 
- MS6-10-DC-QD 









MS6-SS

The MS6 safety switch is also available in 316 grade stainless steel.

With up to 2 safety contacts the MS6 SS is ideal for use in most food / dairy processing environments where stainless steel is expected and wash down is the norm.

An M12 Quick Disconnect option is also available on the MS6-SS-10-AC-QD.

Contacts : MS6-SS

- MS6-SS-20-DC 
- MS6-SS-11-AC 
- MS6-SS-11-DC 
- MS6-SS-10-AC 
- MS6-SS-10-DC 
- MS6-SS-10-AC-QD 

SPECIFICATION	MS5	MS6	MS6-QD	MS6-SS
Safety Contacts	2	1 or 2	1 or 2	1 or 2
Safety Contacts rating	24Vdc/0.3A	230Vac/2A; 30Vdc/1A	230Vac/2A; 30Vdc/1A	230Vac/2A; 30Vdc/1A
Auxiliary Contact	1	1	1	1
Auxiliary Contact rating	24Vdc/0.3A	15W/10VA	15W/10VA	15W/10VA
Dimensions ABS	52x28x14mm	82.5x19x19mm	82.5x19x19mm	
Stainless	53x29x13.5mm			81.5x19x19mm
Construction	Red ABS or 316 Stainless	Red ABS	Red ABS	316 Grade Stainless
IP Rating	IP67	IP67	IP67	IP67



MS7 CODED MAGNETIC SAFETY SWITCH

- Tamper Resistant
- Coded magnetic operation
- 2 x N/C + 1 x N/O
- 10mm Operating distance
- 300mA Switching
- IP67, ABS Housing
- UL/CSA
- CE



TECHNICAL SPECIFICATION

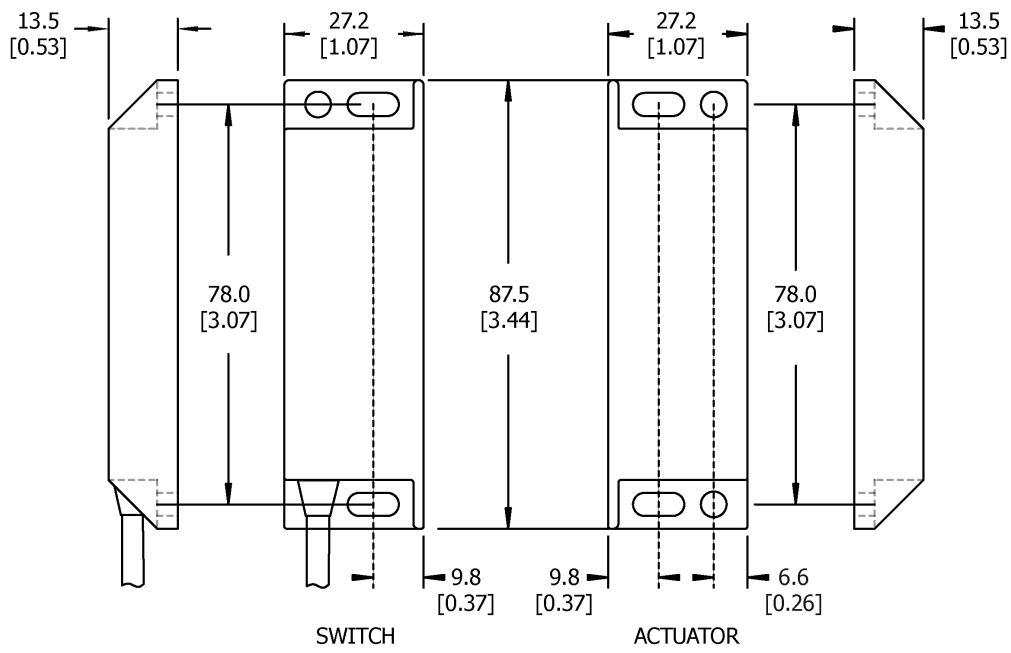
Type	MAGNASAFE
Operation	Coded Magnetic
Contact Arrangements	2 x N/O Safety; 1 x N/C Auxiliary
Safety Contact Operating Distance	7mm ON 12 mm OFF
Safety Contact Rating	DC: 24Vdc / 300mA
Auxiliary Contact Rating	DC: 24Vdc / 300mA
External Fuse (Customer Supplied)	200 mA
Dimensions	Actuator 87.5 x 27.2 x 13.5mm Switch 87.5 x 27.2 x 13.5mm
IP Rating	IP67
Cable length	100 metres max
Vibration / Shock	50—100Hz / 10g
Operating Temperature	-10 to +55C
Mounting & Fixture	Target to Target
Construction	RED ABS Resin Filled

For the latest information



DIMENSIONS

Dimensions in MM

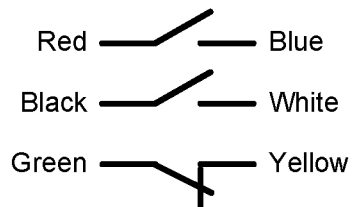


CONNECTIONS (Pre-wired)

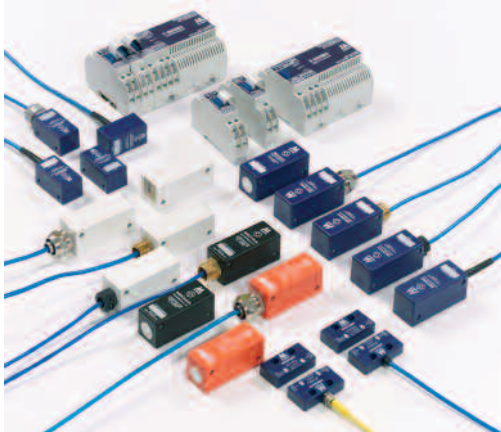
CONTACTS SHOWN WHEN ACTUATOR OUT OF SWITCHING DISTANCE

MS7 Contacts

MS7-21-DC-03

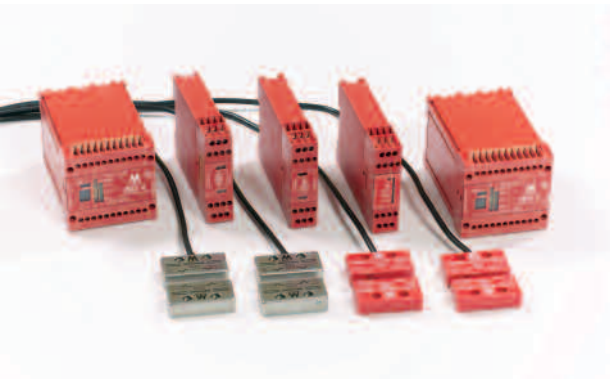


Other products from Mechan Controls PLC



F-SERIES electronic safety system

- CAT4 approved TUV
- Modular safety systems
- Monitor up to 30 Guards
- Tamper-proof safety switches
- Safety switches with up to 500,000 codes
- Quick disconnect options
- Guard status indication



ISIS safety system

- CAT3 approved TUV
- Multi gate monitoring safety system
- Tamper-resistant safety switches
- 316 Grade Stainless steel switches
- Quick disconnect options
- Guard status indication
- UL approval



SSS Standalone safety switch

- Tamper-proof electronic switching
- IP67
- 10mm Switching distance
- LED switch status indication
- Quick disconnect options
- UL approval

Norstat Inc.
300 Roundhill Dr, Unit 4
Rockaway, NJ 07866
email; info@norstat.com
www.norstat.com