



# MECHAN CONTROLS PLC

## SS-R Electronic Coded Safety Switch

- Electronic safety switches
- 2 x N/O + 1 x N/C
- 10mm Operating distance
- Dual colour LED Indication
- Up to 2 Amp Switching
- IP67
- ABS Housing
- UL 508
- CE



### DESCRIPTION

The Mechan SS-R Safety switches are electronic, non-contact safety switches.

Mechan's unique electronic switching provides additional security and a single switching point leading to a more reliable and secure long term safety switching solution.

The SS-R switch is pre-wired with 3,5,6 or 10 metres of cable and has a dual colour LED and an additional volt free contact for indication, to clearly show the guard status.

The SS-R is fully encapsulated to IP67 and is suitable for use in wet, washdown or dusty areas. Its slim-line package and 10mm switching distance makes the SS-C easy to fit to most guarding systems.

With 2 x N/O and 1 x N/C contact the SS-R is ideal for use with most safety relays where category 3 or 4 performance is required for a safety application.



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**For the latest information**

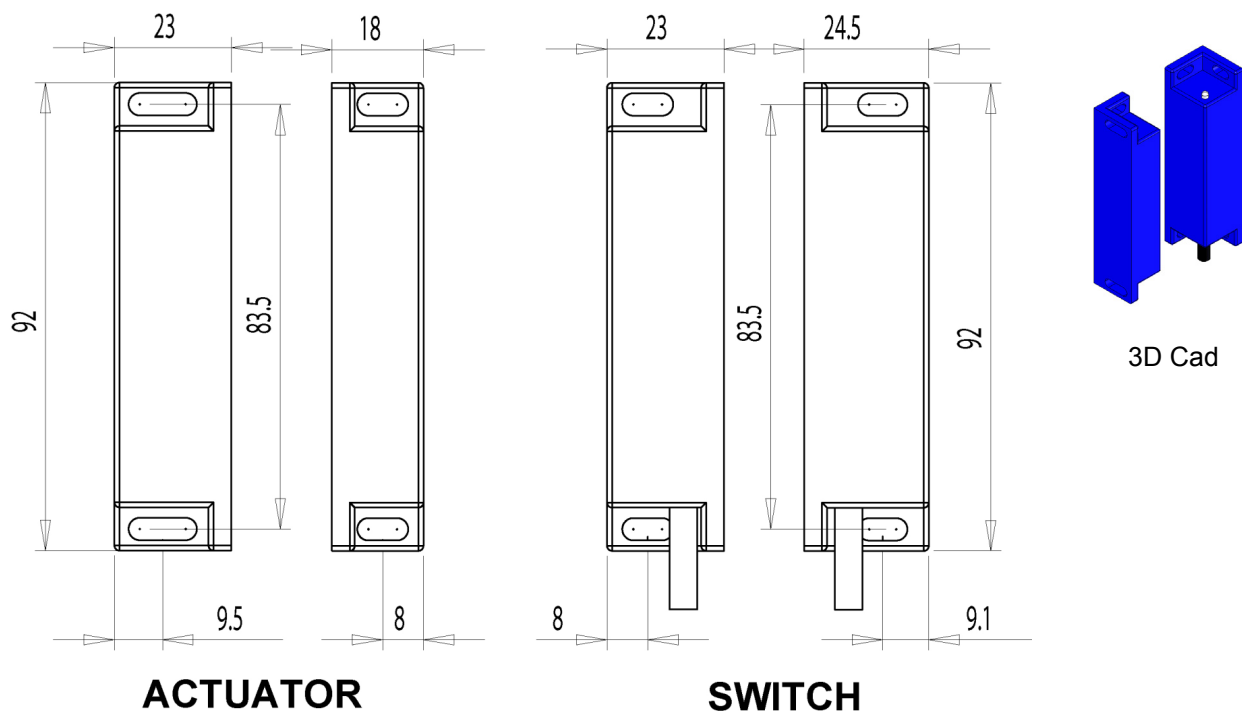
visit our web site at  
[www.mechancontrols.co.uk](http://www.mechancontrols.co.uk)

## TECHNICAL SPECIFICATION

Type	SS-R Electronic Safety Switch
Technology	Electronic
Approvals	CE; UL 508
Power Supply	24vDC
Power Consumption	2VA / 2W
Contact Arrangements	2x N/O Safety; 1 x N/C Auxiliary
Safety Contact Operating Distance	6 to 9mm ON / 10 mm OFF
Safety Contact Rating	AC : 230Vac / 2A DC: 24Vdc / 2A
Auxiliary Contact Operating Distance	6 to 9mm ON / 10 mm OFF
Auxiliary Contact Rating	AC : 230Vac / 2A / DC: 24Vdc / 2A
External Fuse (Customer Supplied)	3A
Dimensions Switch	92 x 24.5 x 23mm
Dimensions Actuator	92 x 23 x 18mm
IP Rating	IP67
Cable length	100 metres max
Vibration / Shock	50—100Hz / 10g
Operating Temperature	-10 to +55C
Mounting & Fixture	Target to Target
Construction	Blue ABS Resin Filled

## DIMENSIONS

Dimensions in MM



# CONNECTIONS

## SS-R Connections

NOTE

SS-R Shown  
when Actuator  
is not in place.

