

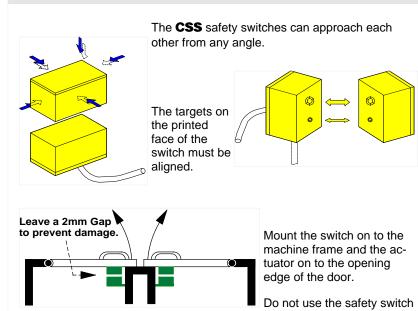
Mechan Controls Plc

Electronic Safety Switches

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TECHNICAL SPECIFICATIONS

4) Fixing Instructions



Always try to mount the switch on nonferrous material. Ferrous material will reduce the switching distance.

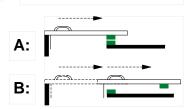
WRONG!

Do not mount the switch on to the hinge side of the door.

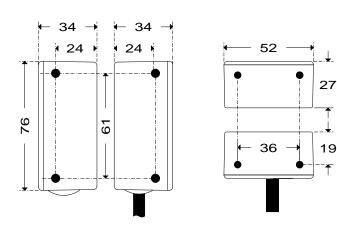
SLIDING DOORS

EN 1088 provides some mounting suggestions, like below.

When fixing the switches to a sliding door (A), ensure that when the door is opened (B) the switch is not easily accessible, helping prevent the system being overridden.



5) **DIMENSIONS**



6) TECHNICAL SPECIFICATIONS

Coded Standalone Safety Switch			
Power Supply	24VDC		
Power Consumption	2VA		
Safety Contacts	1or 2 x N/O		
Safety Contact Rating	2A/230VAC; 2A/30VDC		
Auxiliary Contact	Up to 1 x N/C		
Auxiliary Contact Rating	2A/230VAC; 2A/30VDC		
Operating Temperature	-10 to +55C		
Storage Temperature	-20 to +60C		
Housing	ABS case, Green Resin Filled		
Environmental Protection	IP67		
Mounting	CSS = M4 / CSS-L = M5		
Vibration / Shock	50—100Hz / 10g		
Dimensions : CSS : CSS-L	52 x 27 x 28mm 76 x 34 x 32mm		
Optimum Gap	2 mm		
Switching Distance	6-9mm ON; 10-12mm OFF		
Cable Length Max	100 Metres		

7) ORDERING INFORMATION

System	Description	Part Number	Stock Code
CSS	Safety Switch, 24Vdc, 2 x N/O, 3 Metre Cable	CSS-20-03M	361.000
CSS	Safety Switch, 24Vdc, 1 x N/O + 1 x N/C, 3 Metre Cable	CSS-11-03M	361.001
CSS	Safety Switch, 24Vdc, 1 x N/O, 3 Metre Cable	CSS-10-03M	360.002
CSS-L	Safety Switch, 24Vdc, 1 x N/O, 2 Metre Cable	CSS-L-10-02M	361.006

CE

The CSS Safety system complies with all relevant Essential Health and Safety Requirements of the Machinery Directive (89/392/EEC & amendments 91/368/EEC, 94/44/EEC).

Copies of the Certificate of Conformity can be obtained from Mechan Controls PLC

In the interest of product development, specifications are subject to change without notice. Document No. - 361-400v2 02/06/05

It is the responsibility of the user to ensure compliance with any acts or by-laws in force.

 All information regarding Mechan equipment is believed to be accurate at the time of printing. Responsibility cannot be accepted for errors or omissions.