



Main

Range of product	Telemecanique Safety switches XCS
Product or component type	Preventa RFID safety switch
Component name	XCSRC

Complementary

Design	Rectangular, standard
Size	Transponder: 50 x 15 x 15 mm Reader: 108.3 x 30 x 15 mm
Material	Valox
Electrical connection	1 male connector
Connector type	M12 male
Type of output stage	Solid-state, PNP
Safety outputs	2 NO
Number of poles	8
Local signalling	Green, orange and red 2 multi-colour LEDs
[Sa] assured operating distance	10 Mm face to face
[Sar] assured tripping distance	35 Mm face to face
Approach directions	3 directions-transponder with rotary sensing face
[Ue] rated operational voltage	24 V DC (- 20...10 %)SELV or PELV conforming to EN/IEC 60204-1
[Ie] rated operational current	60 MA
[Ui] rated insulation voltage	30 V DC
[Uimp] rated impulse withstand voltage	0.8 KV IEC 60947-5-2
Protection type	Short-circuit protection
Maximum switching voltage	26.4 V DC
Switching capacity in mA	400 mA
Switching frequency	<= 0.5 Hz
Maximum discordance time	120 Ms
Response time	250 ms typical
Maximum delay first up	5 S
Tightening torque	< 1.5 N.m
Standards	ISO 14119 EN/IEC 60947-5-3 EN/IEC 60947-5-2

Product certifications	TÜV FCC E2 Ecolab CSA 22-2 EAC IC RCM
Marking	CULus IC EAC TÜV RCM FCC CE
Safety level	SIL 3 conforming to EN/IEC 61508 SILCL 3 conforming to EN/IEC 62061 PL = e conforming to EN/ISO 13849-1 Category 4 conforming to EN/ISO 13849-1
Safety reliability data	PFH_D = 5E-10/h conforming to EN/IEC 62061 PFH_D = 5E-10/h conforming to EN/ISO 13849-1
Service life	20 Year(S)
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	10 gn (f= 10...150 Hz) conforming to EN/IEC 60068-2-6
Shock resistance	30 gn for 11 ms conforming to EN/IEC 60068-2-27
Electrical shock protection class	Class III conforming to EN/IEC 61140
IP degree of protection	IP65 conforming to EN/IEC 60529 IP66 conforming to EN/IEC 60529 IP67 conforming to EN/IEC 60529 IP69K conforming to DIN 40050

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	103 G
Package 1 Height	2 Cm
Package 1 width	11 Cm
Package 1 Length	15 Cm
Unit Type of Package 2	S01
Number of Units in Package 2	12
Package 2 Weight	1.425 Kg
Package 2 Height	15 Cm
Package 2 width	15 Cm
Package 2 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Product Life Status : **Commercialised**

Mouser Electronics

Authorized Distributor

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[XCSRC31MM12](#)