XCSRM13M12

Miniature Safety RFID switch, unique pairing, Daisy-chain + EDM, 8-pin, M12 connector

COMMERCIALISED

Main

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

Complementary

Design	Miniature
Size	Switch: 42 x 28.5 x 18 mm actuator: 42 x 28.5 x 18 mm
Material	Plastic
Electrical connection	1 male connector
Connector type	M12 male
Type of output stage	Solid-state, PNP
Safety outputs	2 NO
Local signalling	Green, yellow and red 1 multi-colour LED
[Ue] rated operational voltage	24 V DC (- 20...20 %) SELV or PELV conforming to IEC 60204-1
Protection type	Short-circuit protection
Switching capacity in mA	300 mA
Switching frequency	<= 0.5 Hz
Response time	<55 ms +12 ms per switch in daisy-chain (Risk time according to IEC 60947-5-3)
Tightening torque	0.8...1.2 N.m
Standards	IEC 60947-5-3 ISO 14119 IEC 60947-5-2
Product certifications	TÜV Ecolab
Marking	CE UKCA

	TÜV
Safety level	SIL 3 conforming to IEC 61508 SILCL 3 conforming to IEC 62061 PL = e conforming to ISO 13849-1 category 4 conforming to ISO 13849-1
Safety reliability data	PFHd = 2.62E-9 1/h conforming to IEC 62061 PFHd = 2.62E-9 1/h conforming to ISO 13849-1
Vibration resistance	+/- 1 mm (f= 10-55Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn for 11ms conforming to IEC 60068-2-27
Electrical shock protection class	Class III conforming to IEC 61140
IP degree of protection	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529

Updated: 23/06/2025