



XCSR10L02

Miniature Safety RFID switch, unique pairing, single model, 5-pin, 2m cable

COMMERCIALISED

Main

Range of product	Telemecanique Safety switches XCS
Product or component type	Preventa RFID safety switch
Component name	XCSR10

Complementary

Design	Miniature
Size	Switch: 42 x 28.5 x 18 mm actuator: 42 x 28.5 x 18 mm
Material	Plastic
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 IP69K conforming to DIN 40050

Packing Units

Unit type of package 1	PCE
Number of units in package 1	1

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