Product data sheet
Characteristics

XCSRC31AM12

Preventa RFID safety switch, Telemecanique Safety switches XCS, contactless Standalone model EDM+Auto 2new re pairing enabled

Green Premium™ Product

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	EN/IEC 60947-5-3 EN/IEC 60947-5-2 ISO 14119

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Product certifications	TÜV CSA 22-2 E2 IC EAC Ecolab RCM FCC
Marking	EAC CE FCC RCM IC TÜV CULus
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	1 Cm
Package 1 width	5 Cm
Package 1 Length	10 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 Di-isodecyl 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

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Authorized Distributor

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