

Product data sheet

Characteristics

XCSDM379102

Coded magnetic system, Telemecanique Safety switches XCS, XCSDM3, SIL 2, 2 PNP outputs, cable 2 m

Product availability: Stock - Normally stocked in distribution facility

Price*: 256.00 USD



Commercial status

This Product is Obsolete : FEB 17, 2021

⚠ This Product is Obsolete

Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Coded magnetic system
Component name	XCSDM3
Design	Rectangular
Size	100 x 34 x 32 mm
Contacts type and composition	1 NO + 1 NO
Material	Plastic
Electrical Connection	Pre-cabled
Cable composition	6 x 0.25 mm ²
Cable length	6.56 Ft (2 m)
Ohmic cable resistance	180 MOhm
Local signalling	Green, orange and red 1 LED
Approach directions	9 directions
[Ue] rated operational voltage	24 V DC - 20...10 %)
[Ui] rated insulation voltage	36 V DC

Complementary

Cable outer diameter	0.24 In (6.1 mm)
Type of output stage	Solid-state, PNP
Safety outputs	2 outputs 1.5 A, 24 V, DC
[Sa] assured operating distance	0.39 In (10 mm)
[Sar] assured tripping distance	0.79 In (20 mm)
Minimum actuation speed	0.03 Ft/S (0.01 m/s)
[Uimp] rated impulse withstand voltage	2.5 KV EN/IEC 60947-5-1
Protection Type	Overload and short-circuit protection
Switching frequency	3 Hz
Time delay	100 ms activation
Discordance time	2 S

[HFT] Hardware Fault Tolerance	1
Tightening torque	< 1.8 N.m
Installed device	32 maximum with 2 m long cable
Marking	CE
Safety level	Can reach category 3 correctly wired EN/ISO 13849-1 Can reach PL = d correctly wired EN/ISO 13849-1 Can reach SIL 2 correctly wired EN/IEC 61508
Safety reliability data	HFT = 1 MTTFd = 182 years PFD = 1.15E-5 PFH = 3.94E-9 SF = 92.5 %
Enclosure Material	Thermoplastic PBT
Cable material	PVC
Maximum Depth	1.26 in (32 mm)
Maximum Height	3.94 in (100 mm)
Maximum Width	1.34 in (34 mm)
Net Weight	0.71 Lb(US) (0.32 kg)

Environment

Standards	EN/IEC 60947-5-2 IEC 61508 EN/IEC 60947-5-1 EN 13849-1 ISO 14119 EN/IEC 62061 EN/IEC 60947-5-3
Product Certifications	TÜV CSA UL
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Vibration resistance	10 gn 10...500 Hz)IEC 60068-2-6
Shock resistance	30 gn 11 ms IEC 60068-2-27
Maximum sensitivity to magnetic fields	0.5 MT
Electrical shock protection class	Class III EN/IEC 61140
IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	03389118307278
Nbr. of units in pkg.	1
Package weight(Lbs)	11.64 Oz (330 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.93 in (4.9 cm)
Package 1 width	7.24 in (18.4 cm)
Package 1 Length	5.16 in (13.1 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Weight	9.41 Lb(US) (4.268 kg)

Package 2 Height	5.91 In (15 cm)
Package 2 width	11.81 In (30 cm)
Package 2 Length	15.75 In (40 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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Product Life Status : End of commercialisation

XCSDM379102 is replaced by the following product range:



616

Safety switches

Substitution date: |