

Product availability : Non-Stock - Not normally stocked in distribution facility



Main

Range of product	Preventa Safety detection
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	Connector
Connector type	M12
Local signalling	1 LED (green, orange and red)
Approach directions	9 directions
System Voltage	24 V DC (- 20...10 %)
[Ui] rated insulation voltage	36 V DC

Complementary

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 conforming to 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	<= 15.93 lbf.in (1.8 N.m)
Installed device	32 maximum with 2 m long cable
Marking	CE
Safety level	Can reach category 3 (correctly wired) conforming to EN/ISO 13849-1

Can reach PL = d (correctly wired) conforming to EN/ISO 13849-1
Can reach SIL 2 (correctly wired) conforming to 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
Depth	1.26 in (32 mm)
Height	3.94 in (100 mm)
Width	1.34 in (34 mm)
Product weight	0.47 lb(US) (0.215 kg)

Environment

Standards	EN 1088 EN 13849-1 EN/IEC 60947-5-1 EN/IEC 60947-5-2 EN/IEC 60947-5-3 EN/IEC 62061 IEC 61508 ISO 14119
Product certifications	CSA TÜV 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 (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn 11 ms conforming to IEC 60068-2-27
Sensitivity to magnetic fields	<= 0.5 mT
Electrical shock protection class	Class III conforming to EN/IEC 61140
IP degree of protection	IP67 conforming to IEC 60529

Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	003389118307339
Nbr. of units in pkg.	1
Package weight(Lbs)	0.7000000000000007
Returnability	N
Country of origin	FR

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0729 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months
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