



Main

Commercial Status	Commercialised
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	Pre-cabled
Cable composition	6 x 0.25 mm ²
Cable length	6.56 ft (2 m)
Ohmic cable resistance	180 mOhm
Local signalling	1 LED (green, orange and red)
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 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 SIL 2 (correctly wired) conforming to EN/IEC 61508 Can reach PL = d (correctly wired) conforming to EN/ISO 13849-1 Can reach category 3 (correctly wired) conforming to EN/ISO 13849-1
Safety reliability data	SF = 92.5 % PFH = 3.94E-9 PFD = 1.15E-5 MTTFd = 182 years HFT = 1
Enclosure material	Thermoplastic PBT
Cable material	PVC
Depth	1.26 in (32 mm)
Height	3.94 in (100 mm)

Width	1.34 in (34 mm)
Product weight	0.71 lb(US) (0.32 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 for 11 ms conforming to IEC 60068-2-27
Sensitivity to magnetic fields	<= 0.5 mT
Class of protection against electric shock	Class III conforming to IEC 61140
IP degree of protection	IP69 K conforming to DIN 40050 IP67 conforming to IEC 60529 IP66 conforming to IEC 60529

Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	00785901661504
Nbr. of units in pkg.	1
Package weight(Lbs)	0.70
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0729 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

Contractual warranty

Period	18 months
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Mouser Electronics

Authorized Distributor

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