

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	< 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)

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Environment

Standards	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
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Mouser Electronics

Authorized Distributor

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[XCSDM3791M12](#)