



### Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSPDME
Safety module application	Monitoring 6 coded magnetic switches
Function of module	Coded magnetic switch monitoring
Safety level	Can reach PL e/category 4 conforming to EN/ISO 13849-1 Can reach SILCL 3 conforming to EN/IEC 62061
Safety reliability data	DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 82.4 years conforming to EN/ISO 13849-1 PFHd = 3.97E-9 1/h conforming to EN/IEC 62061
[Us] rated supply voltage	24 V DC - 20...20 %
Output type	Relay, 2 NO circuit(s), volt-free
Number of additional circuits	2 solid state outputs

### Complementary

Synchronisation time between inputs	< 0.5 s
Maximum power consumption in W	3.5 W
Input protection type	Internal, electronic
[Uc] control circuit voltage	28 V DC
Maximum line resistance	100 Ohm
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	6 A per relay for relay output
[Ith] conventional free air thermal current	12 A
Associated fuse rating	4 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA for relay output
Minimum output voltage	17 V for relay output
Maximum response time on input open	20 ms
[Ui] rated insulation voltage	300 V (pollution degree 2) conforming to IEC 60947-5-1 300 V (pollution degree 2) conforming to DIN VDE 0110 part 1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to IEC 60947-5-1 4 kV overvoltage category III conforming to DIN VDE 0110 part 1
Local signalling	15 LEDs

Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm <sup>2</sup> flexible without cable end Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid without cable end Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, with bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm <sup>2</sup> solid without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 mm <sup>2</sup> flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm <sup>2</sup> flexible with cable end, with bezel Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm <sup>2</sup> flexible with cable end, with double bezel
Current consumption	8 mA at 28 V DC on power supply
Mounting support	35 mm symmetrical DIN rail
Net weight	0.3 kg

## Environment

Standards	EN/IEC 60947-5-1 EN 1088/ISO 14119 EN/IEC 60204-1
Product certifications	TÜV UL CSA
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	310 g
Package 1 Height	6.4 cm
Package 1 width	10.7 cm
Package 1 Length	12.5 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

## Contractual warranty

Warranty	18 months
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## Dimensions

