



### Main

Range of product	Preventa Safety detection
Product or component type	Safety module
Safety module name	XPSCM
Safety module application	For monitoring of single beam photo-electric sensor
Function of module	Built-in muting
Safety level	Can reach category 2 with the appropriate control system and correctly wired EN/ISO 13849-1 Can reach SILCL 1 with the appropriate control system and correctly wired EN/IEC 62061 Can reach PL = c with the appropriate control system and correctly wired EN/ISO 13849-1
Safety reliability data	MTTFd = 16.6 years EN/ISO 13849-1 DC = 95.5 % EN/ISO 13849-1 PFH = 3.12E-7 1/h EN/IEC 61508 PFHd = 3.12E-7 1/h EN/IEC 62061
Number of inputs	2 MA, MB)muting function 4 Z1, Z2, Z3, Z4)sensor
Input voltage	24 V DCsensor 24 V DC U+, U-)muting function
Input compatibility	XC limit switch muting function XU2M18PP340... muting function XU2S18PP340... (infrared) sensor XU9M18PP340... muting function
Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid or flexible 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, without 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
Output type	Relay 2 NO 13-14, 23-24), volt-free
Number of additional circuits	0
[Us] rated supply voltage	24 V DC - 20...20 %

### Complementary

Sensor power supply	U+, U- 24 V DC
Maximum supply current for sensors	200 mA
Input current	200 mA muting function
Synchronisation time between inputs	3 s +/- 20 %) for the activation of the MA/MB muting signal
Muting maximum duration	60 s - 10...30 %)
Maximum line resistance	10 Ohm sensor power supply

Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	20 MA 24 V solid state output 1.5 A 24 V DC-13)50 ms relay output
Associated fuse rating	4 A gG relay output DIN VDE 0660 part 200 4 A gG relay output EN/IEC 60947-5-1 6 A fast blow relay output DIN VDE 0660 part 200 6 A fast blow relay output EN/IEC 60947-5-1
Minimum output current	10 mA relay output
Minimum output voltage	17 V relay output
Maximum response time on input open	25 ms
Local signalling	1 LED electronic internal fuse status 1 LED restarting 1 LED safety outputs closed 1 LED safety outputs open 1 incandescent lamp muting 4...6.5 W
Output thermal current	5.6 A per relay 11 A maximum
Maximum power consumption in W	15 W
Protection type	Electronic internal fuse
[Ui] rated insulation voltage	300 V 2)DIN VDE 0110 parts 1 and 2 300 V 2)EN/IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 KV III DIN VDE 0110 parts 1 and 2 4 kV III EN/IEC 60947-5-1

## Environment

Ambient air temperature for operation	14...131 °F (-10...55 °C)
Ambient air temperature for storage	-13...185 °F (-25...85 °C)
IP degree of protection	IP20 IEC 60529 terminals) IP40 IEC 60529 enclosure)

## Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	00785901756378
Nbr. of units in pkg.	1
Package weight(Lbs)	0.88 lb(US) (0.40 kg)
Returnability	Yes
Country of origin	ID

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	6.30 in (16 cm)
Package 1 width	2.44 in (6.2 cm)
Package 1 Length	4.65 in (11.8 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	20
Package 2 Weight	19.00 lb(US) (8.616 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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

