

Product availability: Stock - Normally stocked in distribution facility



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSDMB
Safety module application	Monitoring 2 coded magnetic switches
Function of module	Coded magnetic switch monitoring
Safety level	Can reach PL e/category 4 EN/ISO 13849-1 Can reach SILCL 3 EN/IEC 62061
Safety reliability data	MTTFd = 83.1 years EN/ISO 13849-1 DC > 99 % EN/ISO 13849-1 PFHd = 3.92E-9 1/h EN/IEC 62061
[Us] rated supply voltage	24 V DC - 20...20 %
Output type	Relay, 2 NO, volt-free
Number of additional circuits	2 solid state outputs

Complementary

Synchronisation time between inputs	< 0.5 s
Maximum power consumption in W	2.5 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 24 V DC-13)50 ms relay output
Output thermal current	6 A per relay relay output
[Ith] conventional free air thermal current	12 A
Associated fuse rating	4 A gG relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA relay output
Minimum output voltage	17 V relay output
Maximum response time on input open	20 ms
[Ui] rated insulation voltage	300 V 2)IEC 60947-5-1 300 V 2)DIN VDE 0110 part 1
[Uimp] rated impulse withstand voltage	4 kV III IEC 60947-5-1 4 kV III DIN VDE 0110 part 1
Local signalling	3 LEDs

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm ² flexible without cable end Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm ² solid without cable end Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, with bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm ² solid without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 mm ² flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm ² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm ² flexible with cable end, with double bezel
Current consumption	8 mA 28 V DC on power supply
Mounting support	35 mm symmetrical DIN rail
Net weight	0.55 lb(US) (0.25 kg)

Environment

Standards	EN/IEC 60204-1 EN 1088/ISO 14119 EN/IEC 60947-5-1
Product certifications	UL CSA TÜV
IP degree of protection	IP20 terminals)EN/IEC 60529 IP40 enclosure)EN/IEC 60529
Ambient air temperature for operation	14...131 °F (-10...55 °C)
Ambient air temperature for storage	-13...185 °F (-25...85 °C)

Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	00785901344278
Package weight(Lbs)	0.21 kg (0.46 lb(US))
Returnability	Yes
Country of origin	ID

Offer Sustainability

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

Contractual warranty

Warranty	18 months
----------	-----------

Dimensions

