



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSVC
Safety module application	For enabling switch monitoring
Function of module	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 = 50 years conforming to EN/ISO 13849-1 DC > 99 % EN/ISO 13849-1 PFHd = 1.3E-8 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

Maximum power consumption in W	2.5 W
Input protection type	Internal, electronic
[Uc] control circuit voltage	24 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	4.2 A per relay relay output
[Ith] conventional free air thermal current	8.4 A
Associated fuse rating	4 A gG relay output 6 A fast blow relay output
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
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 24 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 60947-5-1 EN/IEC 60204-1 EN 61326 + A1
Product certifications	CSA TÜV UL
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to 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	00785901538844
Nbr. of units in pkg.	1
Package weight(Lbs)	0.47 lb(US) (0.21 kg)
Returnability	No
Country of origin	ID

Packing Units

Package 1 Height	1.200 dm
Package 1 width	0.280 dm
Package 1 Length	1.050 dm

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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
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.
PVC free	Yes

Contractual warranty

Warranty	18 months
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Dimensions

