



### 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 conforming to EN/ISO 13849-1 Can reach SILCL 3 conforming to EN/IEC 62061
Safety reliability data	MTTFd = 50 years conforming to EN/ISO 13849-1 DC > 99 % conforming to EN/ISO 13849-1 PFHd = 1.3E-8 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

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 at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	4.2 A per relay for relay output
[Ith] conventional free air thermal current	8.4 A
Associated fuse rating	4 A gG for relay output 6 A fast blow for relay output
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	3 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, 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

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.

Current consumption	8 mA at 24 V DC on power supply
Mounting support	35 mm symmetrical DIN rail
Net weight	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	-10...55 °C
Ambient air temperature for storage	-25...85 °C

## Packing Units

Package 1 Weight	0.217 kg
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
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

