Product data sheet
Characteristics

XPSVC1132P
module XPSVC - enabling switch - 24 V DC

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	DC > 99 % conforming to EN/ISO 13849-1 PFHd = 1.3E-8 1/h conforming to EN/IEC 62061 MTTFd = 50 years conforming to EN/ISO 13849-1
[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

Power consumption in W	<= 2.5 W
Input protection type	Internal, electronic
[Uc] control circuit voltage	24 V DC
Line resistance	100 Ohm
Breaking capacity	C300 : holding 180 VA AC-15 for relay output C300 : inrush 1800 VA AC-15 for relay output
Breaking capacity	1.5 A / 24 V - L/R = 50 ms, DC-13 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
Response time on input open	<= 20 ms
[Ui] rated insulation voltage	300 V, degree of pollution 2 conforming to IEC 60947-5-1 300 V, degree of pollution 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

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Local signalling	3 LEDs
Connections - terminals	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm² solid cable without cable end
	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm² flexible cable without cable end
	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, without bezel
	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm² solid cable without cable end
	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm² flexible cable with cable end, without bezel
	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm² flexible cable with cable end, with double bezel
	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, with bezel
	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1.5 mm² flexible cable without cable end
Current consumption	8 mA / 24 V DC on power supply
Mounting support	35 mm symmetrical DIN rail
Product weight	0.25 kg

Environment

Standards	EN 61326 + A1
	EN/IEC 60204-1
	EN/IEC 60947-5-1
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

Contractual warranty

Warranty period	18 months

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Dimensions