Product data sheet
Characteristics

XPSAXE5120P
module XPSAXE - stop and switch monitoring - 24 V DC

Main

Commercial Status	Commercialised
Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAXE
Safety module application	For emergency stop and switch monitoring
Safety level	Can reach SILCL 3 conforming to EN/IEC 62061 Can reach PL e/category 4 conforming to EN/ISO 13849-1
Safety reliability data	PFHd = 3E-8 1/h conforming to EN/IEC 62061 MTTFd = 457 years conforming to EN/ISO 13849-1 DC > 99 % conforming to EN/ISO 13849-1
Connections - terminals	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 0.2...2 x 1 mm² flexible cable without cable end 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: 1 x 0.25...1 x 1.5 mm² flexible cable with cable end, with bezel 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: 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 0.2...1 x 2.5 mm² solid cable without cable end 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
Output type	Relay instantaneous opening 3 NO, volt-free
Number of additional circuits	1 NC
[Us] rated supply voltage	24 V 24 V DC (- 15...10 %)

Complementary

Synchronisation time between inputs	< 0.5 s
Supply frequency	50/60 Hz
Power consumption in VA	<= 4 VA DC
Control circuit voltage	24 V DC
Breaking capacity	B300: 360 VA, AC-15 (holding) for relay output B300: 3600 VA, AC-15 (inrush) for relay output
Breaking capacity	1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	6 A for instantaneous and time delay outputs
Associated fuse rating	6 A fuse type gG for instantaneous outputs

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.
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Minimum output current	10 mA for relay output
Minimum output voltage	17 V for relay output
Response time on input open	<= 80 ms
[Ui] rated insulation voltage	300 V (degree of pollution: 2) conforming to DIN VDE 0110 part 1 300 V (degree of pollution: 2) conforming to IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to DIN VDE 0110 part 1 4 kV overvoltage category III conforming to IEC 60947-5-1
Local signalling	2 LEDs
Mounting support	35 mm symmetrical DIN rail
Product weight	0.5 lb(US) (0.229 kg)

Environment

Standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 13850
Product certifications	BG CSA UL
IP degree of protection	IP40 conforming to EN/IEC 60529 IP20 conforming to EN/IEC 60529
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-13...167 °F (-25...75 °C)

Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	I11
GTIN	00785901463221
Nbr. of units in pkg.	1
Package weight(Lbs)	0.47
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	DE

Contractual warranty

Period	18 months