

XPSAC5121

module XPSAC - Emergency stop - 24 V AC DC

Product availability: Stock - Normally stocked in distribution facility



Main

Commercial Status	Commercialised
Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAC
Safety module application	For emergency stop and switch monitoring
Function of module	Emergency stop 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 = 3.56E-9 1/h conforming to EN/IEC 62061 DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 210.4 years conforming to EN/ISO 13849-1
Type of start	Unmonitored
Connections - terminals	Captive screw clamp terminals, clamping capacity: 2 x 0.5...2 x 1.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, clamping capacity: 2 x 0.25...2 x 1 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, clamping capacity: 2 x 0.14...2 x 0.75 mm ² solid cable without cable end Captive screw clamp terminals, clamping capacity: 2 x 0.14...2 x 0.75 mm ² flexible cable without cable end Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 1.5 mm ² flexible cable with cable end, with bezel Captive screw clamp terminals, clamping capacity: 1 x 0.14...1 x 2.5 mm ² solid cable without cable end Captive screw clamp terminals, clamping capacity: 1 x 0.14...1 x 2.5 mm ² flexible cable without cable end
Output type	Relay instantaneous opening 3 NO, volt-free
Number of additional circuits	1 solid state output
[Us] rated supply voltage	24 V DC (- 20...20 %) 24 V AC (- 20...10 %)

Complementary

Supply frequency	50/60 Hz
Power consumption in W	<= 1.2 W DC
Power consumption in VA	<= 2.5 VA AC
Control circuit voltage	24 V
Breaking capacity	C300: 1800 VA, AC-15 (inrush) for relay output C300: 180 VA, AC-15 (holding) 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 per relay for relay output
[Ith] conventional free air thermal current	10.5 A
Associated fuse rating	6 A fuse type fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 4 A fuse type gG or gL for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200

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.

Minimum output current	10 mA for relay output
Minimum output voltage	16 V for relay output
Response time on input open	<= 100 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
Current consumption	90 mA at 24 V AC (on power supply) 40 mA at 24 V DC (on power supply)
Mounting support	35 mm symmetrical DIN rail
Product weight	0.35 lb(US) (0.16 kg)

Environment

Standards	EN 1088/ISO 14119 EN 60204-1 EN/IEC 60947-5-1 EN/ISO 13850
Product certifications	CSA TÜV UL
IP degree of protection	IP40 (enclosure) conforming to EN/IEC 60529 IP20 (terminals) 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	I11
GTIN	00785901420569
Nbr. of units in pkg.	1
Package weight(Lbs)	0.42
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	ID

Contractual warranty

Period	18 months
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