Product datasheet

Specifications



module XPSEC - increasing the number of safety contacts - 24 V AC DC

XPSECP5131

Discontinued on: 17 Jun 2022

Discontinued

EAN Code: 3389110742459

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSECP
Safety module application	Increasing the number of safety contacts
Function of module	Increasing the number of safety contacts
Safety level	Can reach PL e/category 4 can reach the maximum safety level of module base conforming to EN/ISO 13849-1 Can reach SILCL 3 can reach the maximum safety level of module base conforming to EN/IEC 62061
Safety reliability data	MTTFd = 346.2 years conforming to EN/ISO 13849-1 DC = 0...90 % conforming to EN/ISO 13849-1 PFHd = 7.51E-9 1/h conforming to EN/IEC 62061
Output type	Relay, 8 NO circuit(s), volt-free
[Us] rated supply voltage	24 V AC - 20...10 % 24 V DC - 20...20 %
Number of additional circuits	1 NC + 1 solid state output

Complementary

Supply frequency	50/60 Hz
Power consumption in VA	5 VA
Input protection type	Internal, electronic
Breaking capacity	360 VA holding AC-15 B300 relay output 3600 VA inrush AC-15 B300 relay output
Breaking capacity	1.5 A at 24 V (DC-13) time constant: 50 ms for relay output 10 mA at 48 V for solid state output circuit 20 mA at 24 V for solid state output circuit
Output thermal current	6 A per relay for relay output
[Ith] conventional free air thermal current	30 A for relay output
Associated fuse rating	6 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
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

Rates duty January 2016

Disclaimer: 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

Local signalling	3 LEDs
Connections - terminals	Captive screw clamp terminals, 1 x 4 mm² without cable end Captive screw clamp terminals, 2 x 2.5 mm² with cable end
Mounting support	35 mm symmetrical DIN rail
Net weight	0.55 kg

Environment

Standards	EN/IEC 60947-5-1 EN/IEC 60204-1
Product certifications	TÜV UL CSA
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 (in months)	18