XPSECPE5131C

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

Green Premium™ Product

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSECPE
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 > 100 years conforming to EN/ISO 13849-1 DC = 0...99 % conforming to EN/ISO 13849-1 PFHd = 2.47E-8 1/h conforming to EN/IEC 62061
Output type	Relay, 8 NO circuit(s), volt-free
[Us] rated supply voltage	24 V AC - 15...10 % 24 V DC - 15...10 %
Number of additional circuits	2 NC + 1 solid state output

Complementary

Supply frequency	50/60 Hz
Maximum power consumption in VA	4 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	3 A at 24 V (DC-13) time constant: 50 ms for relay output 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	24 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	5 V for relay output
Maximum response time on input open	10 ms
[Ui] rated insulation voltage	300 V (pollution degree 2) conforming to EN/IEC 60947-5-1, DIN VDE 0110 parts 1 & 2
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to EN/IEC 60947-5-1, DIN VDE 0110 parts 1 & 2
Local signalling	3 LEDs

Connections - terminals	Spring terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² solid without cable end
	Spring terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² flexible without cable end
	Spring terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm² flexible with cable end, without bezel
	Spring terminals, removable terminal block, 1 x 0.25...1 x 1.5 mm² flexible with cable end, with bezel
	Spring terminals, removable terminal block, 2 x 0.2...2 x 1 mm² solid without cable end
	Spring terminals, removable terminal block, 2 x 0.2...2 x 1 mm² flexible without cable end
	Spring terminals, removable terminal block, 2 x 0.25...2 x 1 mm² flexible with cable end, without bezel
	Spring terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm² flexible with cable end, with double bezel
Mounting support	35 mm symmetrical DIN rail
Net weight	0.65 kg

Environment

Standards	EN/IEC 60947-5-1
	EN/IEC 60204-1
Product certifications	TÜV
	CSA
	UL
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529
	IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-25…55 °C
Ambient air temperature for storage	-25…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	363 g
Package 1 Height	6.2 cm
Package 1 width	11.3 cm
Package 1 Length	12.3 cm
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Weight	4.749 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

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Contractual warranty

Warranty	18 months

Dimensions

mm
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in.

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