Product data sheet
Characteristics

XPSECPE5131P
module XPSEC - increasing the number of safety contacts - 24 V AC DC

Product availability: Stock - Normally stocked in distribution facility

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 conforming to EN/ISO 13849-1 can reach the maximum safety level of module base Can reach SILCL 3 conforming to EN/IEC 62061 can reach the maximum safety level of module base
Safety reliability data	DC = 0...99 % conforming to EN/ISO 13849-1 MTTFd > 100 years conforming to EN/ISO 13849-1 PFHd = 2.47E-8 1/h conforming to EN/IEC 62061
Output type	Relay 8 NO, 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
Power consumption in VA	<= 4 VA
Input protection type	Internal, electronic
Breaking capacity	B300: holding 360 VA AC-15 relay output B300: inrush 3600 VA AC-15 relay output
Breaking capacity	20 mA / 24 V solid state output circuit 3 A/24 V - L/R = 50 ms, DC-13 for relay output
Output thermal current	6 A per relay 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 relay output
Minimum output voltage	5 V for relay output
Response time on input open	<= 10 ms
[Ui] rated insulation voltage	300 V, degree of pollution 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	Captive screw clamp terminals, clamping capacity: 1 x 0.2...1 x 2.5 mm² solid cable without cable end
	Captive screw clamp terminals, clamping capacity: 1 x 0.2...1 x 2.5 mm² flexible cable without cable end
	Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, without bezel
	Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 1.5 mm² flexible cable with cable end, with bezel
	Captive screw clamp terminals, clamping capacity: 2 x 0.2...2 x 1 mm² solid cable without cable end
	Captive screw clamp terminals, clamping capacity: 2 x 0.2...2 x 1 mm² flexible cable without cable end
	Captive screw clamp terminals, clamping capacity: 2 x 0.25...2 x 1 mm² flexible cable with cable end, without bezel
	Captive screw clamp terminals, clamping capacity: 2 x 0.5...2 x 1.5 mm² flexible cable with cable end, with double bezel
Mounting support	35 mm symmetrical DIN rail
Product weight	1.21 lb(US) (0.55 kg)

Environment

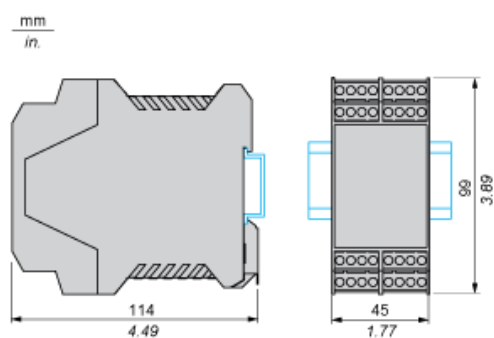|	
Standards	EN/IEC 60204-1
	EN/IEC 60947-5-1
Product certifications	CSA
	TÜV
	UL
IP degree of protection	IP20(Terminals) conforming to EN/IEC 60529
	IP40(enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)

Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	00785901974000
Nbr. of units in pkg.	1
Package weight(Lbs)	0.83999999999999997
Returnability	N
Country of origin	DE

Contractual warranty

Warranty period	18 months

Dimensions

mm
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in.

114
4.49

45
1.77

99
3.89

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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  [XPSECPE5131P](#)