

Product data sheet

Specifications



module XPSECME - increasing safety contacts - 24 V AC/DC - spring

XPSECME5120C

⚠ Discontinued - Service only

⚠ Discontinued on: Jun 30, 2021

⚠ To be end-of-service on: Dec 31, 2025

Main

Range Of Product	Preventa Safety automation
Product Or Component Type	Preventa safety module
Safety Module Name	XPSECME
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 = 60...90 % conforming to EN/ISO 13849-1 PFHd = 2E-7 1/h conforming to EN/IEC 62061
Output Type	Relay, 4 NO circuit(s), volt-free
[Us] Rated Supply Voltage	24 V AC/DC - 15...10 %
Number Of Additional Circuits	3 NC

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 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	12 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 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

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	2 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 2.5 mm² flexible with cable end, with bezel Spring terminals, removable terminal block, 2 x 0.5...2 x 1 mm² flexible with cable end, with double bezel
Mounting Support	35 mm symmetrical DIN rail
Net Weight	0.27 kg

Environment

Standards	EN/IEC 60204-1 EN/IEC 60947-5-1
Product Certifications	CSA CCC BG 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...75 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.1 cm
Package 1 Width	11.5 cm
Package 1 Length	12.2 cm
Package 1 Weight	201.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	20
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.335 kg

Dimensions Drawings

Dimensions

