Product data sheet
Characteristics

XPSDME1132P
module XPSDM - 6 coded magnetic switch - 24 V DC

Product availability: Stock - Normally stocked in distribution facility

Price*: 585.00 USD

Main

Commercial Status	Commercialised
Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSDME
Safety module application	Monitoring 6 coded magnetic switches
Function of module	Coded magnetic 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 = 3.97E-9 1/h conforming to EN/IEC 62061 MTTFd = 82.4 years conforming to EN/ISO 13849-1 DC > 99 % conforming to EN/ISO 13849-1
[Us] rated supply voltage	24 V DC (- 20...20 %)
Output type	Relay 2 NO, volt-free
Number of additional circuits	2 solid state outputs

Complementary

Synchronisation time between inputs	< 0.5 s
Power consumption	<= 3.5 W
Input protection type	Internal, electronic
Control circuit voltage	28 V DC
Line resistance	100 Ohm
Breaking capacity	C300: inrush 1800 VA AC-15 relay output C300: holding 180 VA AC-15 relay output
Breaking capacity	1.5 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	<= 12 A
Associated fuse rating	6 A fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 4 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
Response time on input open	<= 20 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	15 LEDs

Connections - terminals	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm² flexible cable with cable end, with double bezel
	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm² flexible cable with cable end, with bezel
	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1.5 mm² flexible cable without cable end
	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm² solid cable without cable end
	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, without bezel
	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, with bezel
	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm² solid cable without cable end
	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm² flexible cable without cable end
Current consumption	8 mA / 28 V DC on power supply
Mounting support	35 mm symmetrical DIN rail
Product weight	0.66 lb(US) (0.3 kg)

Environment

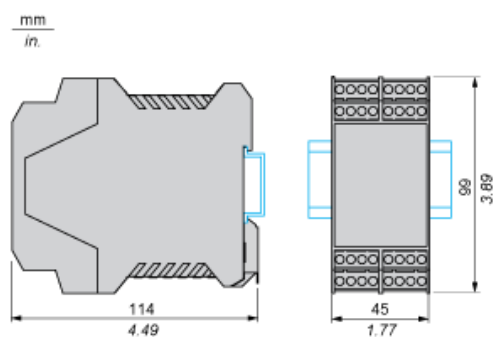|	
Standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1
Product certifications	CSA TÜV UL
IP degree of protection	IP40(Enclosure) conforming to EN/IEC 60529 IP20(Terminals) conforming to EN/IEC 60529
Ambient air temperature for operation	14...131 °F (-10...55 °C)
Ambient air temperature for storage	-13...185 °F (-25...85 °C)

Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	00785901345282
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	ID

Contractual warranty

Warranty period	18 months

Schneider Electric

Dimensions

mm / in.

114
4.49

45
1.77

99
3.89

Wiring Diagrams

Refer to the Instruction Sheet

To download the instruction sheet, follow below procedure:

1   Click on Download & Documents.
2   Click on Instruction sheet.