

Main

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 PL e/category 4 conforming to EN/ISO 13849-1 Can reach SILCL 3 conforming to EN/IEC 62061
Safety reliability data	DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 82.4 years conforming to EN/ISO 13849-1 PFHd = 3.97E-9 1/h conforming to EN/IEC 62061
[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 in W	<= 3.5 W
Input protection type	Internal, electronic
[Uc] control circuit voltage	28 V DC
Line resistance	100 Ohm
Breaking capacity	C300: holding 180 VA AC-15 relay output C300: inrush 1800 VA AC-15 relay output
Breaking capacity	1.5 A/24 V - L/R = 50 ms, DC-13 relay output
Output thermal current	6 A per relay relay output
[Ith] conventional free air thermal current	<= 12 A
Associated fuse rating	4 A gG relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA relay output
Minimum output voltage	17 V relay output
Response time on input open	<= 20 ms
[Ui] rated insulation voltage	300 V, degree of pollution 2 conforming to IEC 60947-5-1 300 V, degree of pollution 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
Local signalling	15 LEDs
Connections - terminals	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² solid cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm ² solid cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, with bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1.5 mm ² flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm ² flexible cable with cable end, with bezel
Current consumption	8 mA / 28 V DC on power supply
Mounting support	35 mm symmetrical DIN rail

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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	IP20(terminals) conforming to EN/IEC 60529 IP40(enclosure) 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)

Offer Sustainability

WARNING: This product can expose you to chemicals including:

Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.p65warnings.ca.gov

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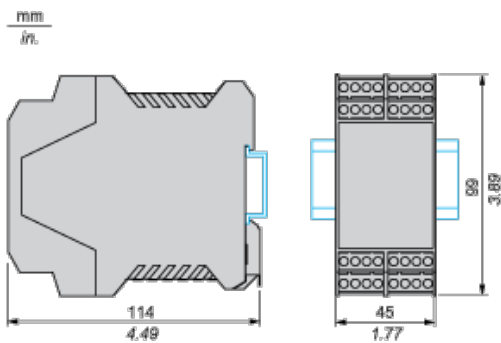
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Contractual warranty

Warranty period 18 months

Dimensions





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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