



Main

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|-------------------------------|--|
| Range of product | Preventa Safety automation |
| Product or component type | Preventa safety module |
| Safety module name | XPSDMB |
| Safety module application | Monitoring 2 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 | MTTFd = 83.1 years conforming to EN/ISO 13849-1 DC > 99 % conforming to EN/ISO 13849-1 PFHd = 3.92E-9 1/h conforming to EN/IEC 62061 |
| [Us] rated supply voltage | 24 V DC - 20...20 % |
| Output type | Relay, 2 NO circuit(s), volt-free |
| Number of additional circuits | 2 solid state outputs |

Complementary

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|---|---|
| Synchronisation time between inputs | < 0.5 s |
| Maximum power consumption in W | 2.5 W |
| Input protection type | Internal, electronic |
| [Uc] control circuit voltage | 28 V DC |
| Maximum line resistance | 100 Ohm |
| Breaking capacity | 180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output |
| Breaking capacity | 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output |
| Output thermal current | 6 A per relay for relay output |
| [Ith] conventional free air thermal current | 12 A |
| Associated fuse rating | 4 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow 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 IEC 60947-5-1 300 V (pollution degree 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 | 3 LEDs |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

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|-------------------------|---|
| Connections - terminals | <p>Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 m-m² flexible without cable end</p> <p>Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 m-m² solid without cable end</p> <p>Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 m-m² flexible with cable end, with bezel</p> <p>Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 m-m² flexible with cable end, without bezel</p> <p>Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 m-m² solid without cable end</p> <p>Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 m-m² flexible without cable end</p> <p>Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 m-m² flexible with cable end, without bezel</p> <p>Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 m-m² flexible with cable end, with double bezel</p> |
| Current consumption | 8 mA at 28 V DC on power supply |
| Mounting support | 35 mm symmetrical DIN rail |
| Net weight | 0.25 Kg |







Environment

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|---------------------------------------|---|
| Standards | <p>EN/IEC 60204-1</p> <p>EN 1088/ISO 14119</p> <p>EN/IEC 60947-5-1</p> |
| Product certifications | <p>UL</p> <p>CSA</p> <p>TÜV</p> |
| IP degree of protection | <p>IP20 (terminals) conforming to EN/IEC 60529</p> <p>IP40 (enclosure) conforming to EN/IEC 60529</p> |
| Ambient air temperature for operation | -10...55 °C |
| Ambient air temperature for storage | -25...85 °C |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 211 G |
| Package 1 Height | 3 Cm |
| Package 1 width | 10.3 Cm |
| Package 1 Length | 12 Cm |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 15 |
| Package 2 Weight | 3.414 Kg |
| Package 2 Height | 15 Cm |
| Package 2 width | 15 Cm |
| Package 2 Length | 40 Cm |

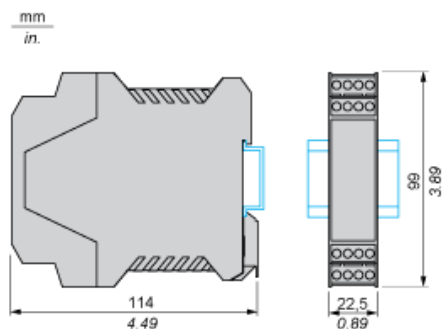
Offer Sustainability

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|----------------------------|--|
| 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 |
| 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 |

Contractual warranty

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| Warranty | 18 months |
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Dimensions



Product Life Status : **End of commerc. announced**

XPSDMB1132P may be replaced by any of the following products:



XPSUS12AP

Preventa module Cat.4 features 2*XPSUAF + enabling movement 24vac/dc screw

Qty 1

Reason for Substitution: End of life | Substitution date: 01 Jun 2019 |



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XPSUS12AP

Preventa module Cat.4 features 2*XPSUAF + enabling movement 24vac/dc screw

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Mar 2021 | Avaliar atualização para a referencia XPSUS12AP