

# Product data sheet

Specifications



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

XPSDME1132

⚠ Discontinued on: Jun 30, 2021

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

⚠ Discontinued - Service only

### 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 circuit(s), 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
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

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

<b>[Uimp] Rated Impulse Withstand Voltage</b>	4 kV overvoltage category III conforming to IEC 60947-5-1 4 kV overvoltage category III conforming to DIN VDE 0110 part 1
<b>Local Signalling</b>	15 LEDs
<b>Connections - Terminals</b>	Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm <sup>2</sup> flexible without cable end Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm <sup>2</sup> solid without cable end Captive screw clamp terminals, 1 x 0.25...1 x 1.5 mm <sup>2</sup> flexible with cable end, with bezel Captive screw clamp terminals, 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm <sup>2</sup> flexible without cable end Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm <sup>2</sup> solid without cable end Captive screw clamp terminals, 2 x 0.25...2 x 1 mm <sup>2</sup> flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm <sup>2</sup> flexible with cable end, with double bezel
<b>Current Consumption</b>	8 mA at 28 V DC on power supply
<b>Mounting Support</b>	35 mm symmetrical DIN rail
<b>Net Weight</b>	0.3 kg

## Environment

<b>Standards</b>	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1
<b>Product Certifications</b>	UL CSA TÜV
<b>Ip Degree Of Protection</b>	IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
<b>Ambient Air Temperature For Operation</b>	-10...55 °C
<b>Ambient Air Temperature For Storage</b>	-25...85 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	6.3 cm
<b>Package 1 Width</b>	12.5 cm
<b>Package 1 Length</b>	10.5 cm
<b>Package 1 Weight</b>	298.0 g
<b>Unit Type Of Package 2</b>	S02
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	15.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	4.013 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Sustainability

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**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

✓ Pvc Free

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
California Proposition 65	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Dimensions Drawings

Dimensions

