



## Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSPVK
Safety module application	For dynamic monitoring of double-bodied solenoid valves
Function of module	Dynamic monitoring of double-bodied solenoid valves
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 = 90.2 years conforming to EN/ISO 13849-1 DC = 0...99 % conforming to EN/ISO 13849-1 PFHd = 1.25E-8 1/h conforming to EN/IEC 62061
[Us] rated supply voltage	230 V AC - 15...10 %
Output type	Relay, 1 NO transfer function + 1 NC feedback loop circuit(s), volt-free
Number of additional circuits	4 solid state outputs
Enclosure type	Removable

## Complementary

Supply frequency	50/60 Hz
Power consumption in VA	16 VA
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	10 MA at 48 V for solid state output circuit 20 MA at 24 V for solid state output circuit 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
[Ith] conventional free air thermal current	2.5 A
Associated fuse rating	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
Maximum response time on input open	40 Ms
[Ui] rated insulation voltage	300 V (pollution degree 2) conforming to IEC 60647-5-1, DIN VDE 0110 part 1
[Uimp] rated impulse withstand voltage	4 KV overvoltage category III conforming to IEC 60647-5-1, DIN VDE 0110 part 1
Local signalling	8 LEDs
Enclosure material	Polycarbonate
Number of terminal blocks	32
Connections - terminals	Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm <sup>2</sup> with cable end Captive screw clamp terminals, 2 x 2.5 mm <sup>2</sup> without cable end
Mounting support	35 mm symmetrical DIN rail
Depth	118 Mm

Height	73 Mm
Width	152 Mm
Product weight	0.9 Kg

## Environment

Standards	EN 692 EN 60204-1 EN/IEC 60947-5-1
Product certifications	UL CSA TÜV
IP degree of protection	IP10 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.016 Kg
Package 1 Height	9 Cm
Package 1 width	14.5 Cm
Package 1 Length	22.5 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes
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>

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**

# Mouser Electronics

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XPSPVK3784