

# Product data sheet

## Characteristics

# XPSPVK3784

## module XPSPV - double-bodied solenoid valves - 230 V AC



### 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
Maximum 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
Net weight	0.9 kg

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.

## 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

## Contractual warranty

Warranty	18 months
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