

XPSPVK3484

module XPSPV - double-bodied solenoid valves - 115 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	DC = 0...99 % conforming to EN/ISO 13849-1 MTTFd = 90.2 years conforming to EN/ISO 13849-1 PFHd = 1.25E-8 1/h conforming to EN/IEC 62061
[Us] rated supply voltage	115 V AC (- 15...15 %)
Output type	Relay 1 NO transfer function + 1 NC feedback loop, 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	C300 : holding 180 VA AC-15 for relay output C300 : inrush 1800 VA AC-15 for relay output
Breaking capacity	1.5 A / 24 V - L/R = 50 ms, DC-13 for relay output 10 mA / 48 V for solid state output circuit 20 mA / 24 V for solid state output circuit
[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
Response time on input open	<= 40 ms
[Ui] rated insulation voltage	300 V, degree of pollution 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 ² with cable end Captive screw clamp terminals: 2 x 2.5 mm ² 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 60204-1 EN 692 EN/IEC 60947-5-1
product certifications	CSA

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TUV
UL

IP degree of protection	IP40(enclosure) conforming to EN/IEC 60529 IP10(terminals) conforming to EN/IEC 60529
ambient air temperature for operation	-10...55 °C
ambient air temperature for storage	-25...85 °C

Contractual warranty

Warranty period	18 months
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