



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSPVT
Safety module application	For dynamic monitoring of hydraulic valves on linear presses
Function of module	Monitoring hydraulic 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 = 50.9 years conforming to EN/ISO 13849-1 DC = 0...99 % conforming to EN/ISO 13849-1 PFHd = 2.24E-8 1/h conforming to EN/IEC 62061
[Us] rated supply voltage	24 V DC (- 10...10 %)
Output type	Relay 2 NO + 1 NC, volt-free
Enclosure type	Removable

Complementary

Power consumption in W	< 6 W
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
Output wiping time	>= 100 ms
[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	<= 15 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	20
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

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

Mounting support	35 mm symmetrical DIN rail
Depth	118 mm
Height	73 mm
Width	100 mm
Product weight	0.54 kg

Environment

Standards	EN 60204-1 EN 693 EN/IEC 60947-5-1
Product certifications	CSA TÜV UL
IP degree of protection	IP20(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

Contractual warranty

Warranty period	18 months
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