

Product datasheet

Specifications



module XPSDA - lift control - 24 V AC

XPSDA5142

XPSDA5142 has not been replaced. Please contact your customer care centre for more information.

⚠ Discontinued

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSDA
Safety module application	Lift control
Function of module	Monitoring lift control
Safety level	Can reach PL e/category 4 conforming to EN/ISO 13849-1 Can reach SILCL 3 conforming to EN/IEC 62061
[Us] rated supply voltage	24 V AC (- 20...10 %) 24 V DC (- 20...20 %)
Number of additional circuits	2 solid state outputs
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output

Complementary

Synchronisation time between inputs	300 ms
Supply frequency	50/60 Hz
Power consumption in VA	0...9 VA
Input protection type	Internal, electronic
[Uc] control circuit voltage	24 V
Input voltage	16 V
Input current	70 mA
Output type	Relay, 2 NO circuit(s), volt-free
Breaking capacity	1.5 A at 24 V (DC-13) time constant: 50 ms for relay output 20 mA at 24 V for solid state output circuit
Output thermal current	2.5 A per relay for relay output
[Ith] conventional free air thermal current	5 A for relay output
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	40 ms
Overvoltage category	III 4 kV 2 conforming to IEC 60647-5-1
[Ui] rated insulation voltage	300 V
Local signalling	4 LEDs
Connections - terminals	Captive screw clamp terminals, 1 x 4 mm ² without cable end Captive screw clamp terminals, 2 x 2.5 mm ² with cable end
Mounting support	35 mm symmetrical DIN rail
Depth	120 mm
Height	78 mm
Width	45 mm

Environment

Standards	EN/IEC 60947-5-1 EN 12016 EN 81-1, EN 81-2 EN 12015
Product certifications	TÜV CSA UL
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529 IP50 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-10...65 °C
Ambient air temperature for storage	-25...85 °C

Packing Units

Package 1 Weight	0.349 kg
Package 1 Height	0.850 dm
Package 1 width	1.320 dm
Package 1 Length	0.620 dm

Contractual warranty

Warranty	18 months
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