



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety remote output relay module
Safety module name	XPSMF2
Safety module application	Extension of I/O capacity
Safety use category	Category 4 maximum conforming to EN 954-1 Performance level e conforming to EN/ISO 13849-1 SIL 3 conforming to EN/IEC 61508
Function of module	Monitoring safety actuators Monitoring safety dialogue
[Us] rated supply voltage	24 V DC (- 15...20 %)
Supply	SELV or PELV conforming to EN/IEC 60950
Number of outputs	16 relay
Structure type	10BASE-T/100BASE-TX

Complementary

Response time	Depending on size of application
Associated fuse rating	10 A, slow-blow
Output type	Relay, with 2 NO per output, volt-free
Minimum switching voltage	5 V 250 V AC output relay 5 V 250 V DC output relay
Switching current capacity	3.15 A / 100 A with internal fuse relay output
Switching capacity in VA	$\leq 48 \text{ VA}$, $\cos f = \geq 0.5$ for relay output
Switching capacity in W	≥ 90 / $\leq 30 \text{ V}$ for relay output
Contacts material	Silver alloy (Ag/Ni) for relay output
Electrical durability	≥ 250000 cycles for relay output
Mechanical durability	≥ 1000000 cycles for relay output
Communication port protocol	Safe Ethernet with 2 RJ45 port(s), transmission rate: 100 Mbps, 10 Mbps, medium: dual twisted pair cable, category 5D or better
Exchange mode	Half duplex, full duplex, autonegotiation
Number of terminal blocks	1 for power supply 4 for relay output
Current consumption	0.6 A at 24 V DC on power supply
Mounting support	35 mm symmetrical DIN rail

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

Depth	113.5 mm
Height	109 mm
Width	255 mm
Product weight	2 kg

Environment

IP degree of protection	IP20
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C

Contractual warranty

Warranty period	18 months
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