Product data sheet
Characteristics

XPSAF5130
module XPSAF - Emergency stop - 24 V AC DC

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAF
Safety module application	For emergency stop and switch monitoring
Function of module	Monitoring of a movable guard Emergency stop monitoring 1-channel wiring Emergency stop monitoring 2-channel wiring
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 > 99 % conforming to EN/ISO 13849-1 MTTFd = 243 years conforming to EN/ISO 13849-1 PFHd = 4.62E-9 1/h conforming to EN/IEC 62061
Type of start	Configurable
Connections - terminals	Captive screw clamp terminals, clamping capacity: 2 x 0.5...2 x 1.5 mm² flexible cable with cable end, with double bezel Captive screw clamp terminals, clamping capacity: 1 x 0.14...1 x 2.5 mm² flexible cable with cable end, with double bezel Captive screw clamp terminals, clamping capacity: 1 x 0.14...1 x 2.5 mm² solid cable with cable end, with double bezel Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 1.5 mm² flexible cable with cable end, with double bezel Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, with double bezel Captive screw clamp terminals, clamping capacity: 2 x 0.14...2 x 0.75 mm² flexible cable with cable end, with double bezel Captive screw clamp terminals, clamping capacity: 2 x 0.14...2 x 0.75 mm² solid cable with cable end, with double bezel Captive screw clamp terminals, clamping capacity: 2 x 0.25...2 x 1 mm² flexible cable with cable end, with double bezel
Output type	Relay instantaneous opening 3 NO, volt-free
Number of additional circuits	0
[Us] rated supply voltage	24 V AC (- 15. 10 %) 24 V DC (- 15. 10 %)

Complementary

Synchronisation time between inputs	Unlimited
Supply frequency	50/60 Hz
Power consumption in VA	<= 5 VA AC
Input protection type	Internal, electronic
Control circuit voltage	24 V
Line resistance	90 Ohm
Breaking capacity	C300: 180 VA, AC-15 (holding) relay output C300: 1800 VA, AC-15 (inrush) relay output
Breaking capacity	1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	6 A per relay relay output
[Ith] conventional free air thermal current	18 A
Associated fuse rating	4 A fuse type gG or gL for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fuse type fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA relay output
Minimum output voltage	17 V relay output
Response time on input open	<= 40 ms
[Ui] rated insulation voltage	300 V (degree of pollution: 2) conforming to DIN VDE 0110 part 1 300 V (degree of pollution: 2) conforming to IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to IEC 60947-5-1 4 kV overvoltage category III conforming to DIN VDE 0110 part 1
Local signalling	3 LEDs
Current consumption	30 mA at 24 V AC (on power supply)
Mounting support	35 mm symmetrical DIN rail
Product weight	0.55 lb(US) (0.25 kg)

Environment

Standards	EN 1088/ISO 14119 EN 60204-1 EN/IEC 60947-5-1 EN/ISO 13850
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	-13...140 °F (-25...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)

Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	00785901445463
Nbr. of units in pkg.	1
Package weight(Lbs)	0.55000000000000004
Returnability	Y
Country of origin	ID