

Product data sheet

Characteristics

XPSAV11113P

module XPSAV - Emergency stop - 24 V DC,
time delay 0...300 s

Product availability: Stock - Normally stocked in distribution facility



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAV
Safety module application	For emergency stop and switch monitoring
Function of module	Emergency stop monitoring 2-channel wiring Emergency stop monitoring 1-channel wiring Emergency stop button with 1 NC contact, automatic start or unmonitored start Monitoring of a movable guard associated with 2 switches automatic start Emergency stop button with 2 NC contacts, monitored start
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 = 75.8 years conforming to EN/ISO 13849-1 PFHd = 7.95E-9 1/h conforming to EN/IEC 62061
Type of start	Configurable
Connections - terminals	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² solid cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm ² solid cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm ² flexible cable with cable end, with double bezel
Output type	Relay instantaneous opening 3 NO, volt-free Relay time delay opening 3 NO, volt-free
Number of additional circuits	3 solid state outputs
[Us] rated supply voltage	24 V DC (- 20...20 %)

Complementary

Synchronisation time between inputs	Unlimited for emergency stop 1.5 s for guard
Power consumption in W	<= 5 W DC
Input protection type	Internal, electronic
Time delay range	0...300 s
[Uc] control circuit voltage	24 V DC
Line resistance	100 Ohm 2000 m

Breaking capacity	C300: 180 VA, AC-15 (holding) relay output C300: 1800 VA, AC-15 (inrush) relay output
Breaking capacity	20 mA at 24 V 1.25 A at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	2 A for 1 output and 4 A for the other 2 outputs instantaneous and time delay outputs 3.3 A for all 3 outputs instantaneous and time delay outputs 6 A for 1 output and 2 A for the other 2 outputs instantaneous and time delay outputs
[I _{th}] conventional free air thermal current	20 A
Associated fuse rating	4 A fuse type gG or gL for instantaneous and time delay outputs conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fuse type fast blow 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	<= 30 ms
[U _i] 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
[U _{imp}] 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	11 LEDs
Mounting support	35 mm symmetrical DIN rail
Product weight	0.71 lb(US) (0.32 kg)

Environment

Standards	EN/IEC 60947-5-1 EN 1088/ISO 14119 EN/ISO 13850 EN/IEC 60204-1
Product certifications	TÜV UL CSA
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	14...131 °F (-10...55 °C)
Ambient air temperature for storage	-13...185 °F (-25...85 °C)

Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	00785901343240
Nbr. of units in pkg.	1
Package weight(Lbs)	0.9500000000000007
Returnability	Y
Country of origin	ID

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
-----------------	-----------

Dimensions

