Product datasheet
Characteristics

XPSATR11530P
module XPSATR - Emergency stop and protective guard - 24V DC, time delay 30s

Green Premium™

Price* : 446.00 GBP

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSATR
Safety module application	For emergency stop and protective guard applications
Function of module	Emergency stop monitoring 1-channel wiring Protective guard monitoring Emergency stop monitoring 2-channel wiring
Safety level	Can reach PL e/category 4 instantaneous safety outputs conforming to EN/ISO 13849-1 Can reach SILCL 3 time delay safety outputs conforming to EN/IEC 62061
Safety reliability data	DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 85 years conforming to EN/ISO 13849-1 PFHd = 2E-9 1/h conforming to EN/IEC 62061
Type of start	Automatic Manual
Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 1.5 mm² flexible with cable end, with bezel Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² solid or flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm² solid or flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm² flexible with cable end, with bezel
Output type	Relay instantaneous opening, 3 NO circuit(s), volt-free Relay time delay opening, 3 NO circuit(s), volt-free
Number of additional circuits	1 NC
[Us] rated supply voltage	24 V DC - 15...10 %

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

Complementary

Synchronisation time between inputs	1 s
Maximum power consumption in W	2.8 W DC
Input protection type	Internal, electronic
Time delay range	0...30 s
[Uc] control circuit voltage	24 V DC
Breaking capacity	3 A at 24 V (DC-13) for relay output
Output thermal current	6 A for instantaneous and time delay outputs
[Ith] conventional free air thermal current	8 A
Associated fuse rating	6 A gG for instantaneous and time delay outputs 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	20 ms
[Ui] rated insulation voltage	300 V
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to EN/IEC 60947-5-1, DIN VDE 0110 parts 1 & 2
Local signalling	5 LEDs
Mounting support	35 mm symmetrical DIN rail
Product weight	0.33 kg

Environment

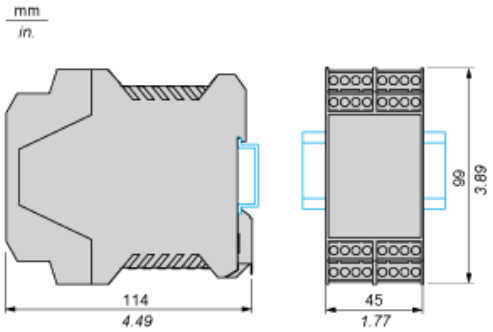
Standards	EN 60204-1 EN 62061 EN/IEC 60947-5-1 EN/IEC 61496-1 EN 50156-1 EN/ISO 13849-1
Product certifications	CSA TÜV UL
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-25…55 °C
Ambient air temperature for storage	-25…75 °C

Offer Sustainability

Sustainable offer status	Green Premium product
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months

XPSATR11530P

Dimensions