Product datasheet
Characteristics

XPSABV11330P
module XPSABV - stop and switch monitoring - 24 V AC/DC

Price* : 242.00 GBP

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSABV
Safety module application	For emergency stop and switch monitoring
Safety level	Can reach PL d/category 3 time delay safety outputs conforming to EN/ISO 13849-1 Can reach PL e/category 4 instantaneous safety outputs conforming to EN/ISO 13849-1 Can reach SILCL 3 instantaneous safety outputs conforming to EN/IEC 62061 Can reach SILCL 2 time delay safety outputs conforming to EN/IEC 62061
Safety reliability data	MTTFd = 53 years conforming to EN/ISO 13849-1 instantaneous safety outputs MTTFd = 53 years conforming to EN/ISO 13849-1 time delay safety outputs DC > 99 % conforming to EN/ISO 13849-1 instantaneous safety outputs DC = 60...90 % conforming to EN/ISO 13849-1 time delay safety outputs PFHd = 3E-8 1/h conforming to EN/IEC 62061 instantaneous safety outputs PFHd = 2E-7 1/h conforming to EN/IEC 62061 time delay safety outputs
Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² solid without cable end Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² flexible without cable end 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 0.2...2 x 1 mm² solid without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm² flexible without cable end 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, 2 x 0.5...2 x 1 mm² flexible with cable end, with double bezel
Output type	Relay instantaneous opening, 2 NO circuit(s), volt-free Relay time delay opening, 1 NO circuit(s), volt-free
Number of additional circuits	0
[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	< 0.5 s
Maximum power consumption in W	3 W
Input protection type	Internal, electronic
Time delay range	0.15...3 s 1.5...30 s
[Uc] control circuit voltage	24 V DC
Breaking capacity	3600 VA inrush AC-15 B300 360 VA holding AC-15 B300
Breaking capacity	1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	6 A for instantaneous and time delay outputs
[Ith] conventional free air thermal current	12 A
Associated fuse rating	6 A gG for instantaneous and time delay outputs
Minimum output current	10 mA for relay output
Minimum output voltage	17 V for relay output
Maximum response time on input open	200 ms
[Ui] rated insulation voltage	300 V (pollution degree 2) conforming to IEC 60947-5-1 300 V (pollution degree 2) conforming to DIN VDE 0110 part 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
Mounting support	35 mm symmetrical DIN rail
Product weight	0.28 kg

Environment

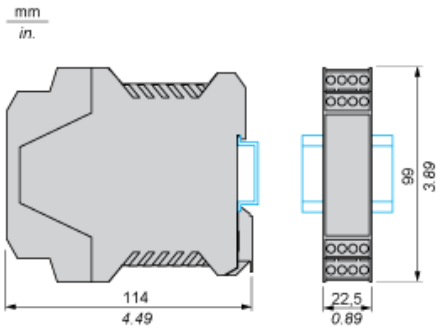
Standards	EN/IEC 60947-5-1 EN 1088/ISO 14119 EN/ISO 13850 EN/IEC 60204-1
Product certifications	UL BG CSA
IP degree of protection	IP20 conforming to EN/IEC 60529 IP40 conforming to EN/IEC 60529
Ambient air temperature for operation	-25…55 °C
Ambient air temperature for storage	-25…75 °C

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
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

XPSABV11330P

Dimensions