

XPSABV1133P

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



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 conforming- to EN/ISO 13849-1 time delay safety outputs Can reach PL e/category 4 conforming- to EN/ISO 13849-1 instantaneous safety outputs Can reach SILCL 3 conforming to EN/IEC 62061 in- stantaneous safety outputs Can reach SILCL 2 conforming- to EN/IEC 62061 time delay safety outputs
Safety reliability data	MTTFd = 53 years conforming to EN/ISO 13849-1 in- stantaneous safety outputs MTTFd = 53 years conforming- to EN/ISO 13849-1 time delay safety outputs DC > 99 % conforming to EN/ISO 13849-1 instanta- neous 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 in- stantaneous 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, clamping capacity: 1 x 0.2...1 x 2.5 mm ² solid- cable without cable end Captive screw clamp terminals, removable terminal- block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² flexi- ble cable without cable end Captive screw clamp terminals, removable terminal- block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexi- ble cable with cable end, without bezel Captive screw clamp terminals, removable terminal- block, clamping capacity: 1 x 0.25...1 x 1.5 mm ² flexi- ble cable with cable end, with bezel Captive screw clamp terminals, removable terminal- block, clamping capacity: 2 x 0.2...2 x 1 mm ² solid- cable without cable end Captive screw clamp terminals, removable terminal- block, clamping capacity: 2 x 0.2...2 x 1 mm ² flexi- ble cable without cable end Captive screw clamp terminals, removable terminal- block, clamping capacity: 2 x 0.25...2 x 1 mm ² flexi- ble cable with cable end, without bezel Captive screw clamp terminals, removable terminal- block, clamping capacity: 2 x 0.5...2 x 1 mm ² flexi- ble cable with cable end, with double bezel
Output type	Relay instantaneous opening 2 NO, volt-free Relay time delay opening 1 NO, volt-free
Number of additional-circuits	0
[Us] rated supply volt- age	24 V DC (- 15...10 %)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Complementary

Synchronisation time between inputs	< 0.5 s
Power consumption in W	<= 3 W DC
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	B300 : 3600 VA, AC-15 (inrush) B300 : 360 VA, AC-15 (holding)
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 fuse type 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
Response time on input open	<= 200 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
Mounting support	35 mm symmetrical DIN rail
Product weight	0.28 kg

Environment

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

Contractual warranty

Warranty period	18 months
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Product Life Status : **Commercialised**