

Product datasheet

Specifications



module XPSBA - two-hand control - 115 V AC

XPSBA3420

 **Discontinued on:** 30 May 2014

EAN Code: 3389110936384

 **Discontinued**

Main

Range Of Product	Preventa Safety automation
Product Or Component Type	Preventa safety module
Safety Module Name	XPSBA
Safety Module Application	For electrical monitoring of two-hand control stations
Function Of Module	Monitoring two-hand control station
Safety Level	Can reach PL c/category 1 conforming to EN/ISO 13849-1
Safety Reliability Data	MTTFd = 160.8 years conforming to EN/ISO 13849-1 PFHd = 7.1E-7 1/h conforming to EN/IEC 62061
Connections - Terminals	Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm ² flexible without cable end Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm ² solid without cable end Captive screw clamp terminals, 1 x 0.25...1 x 1.5 mm ² flexible with cable end, with bezel Captive screw clamp terminals, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² flexible without cable end Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² solid without cable end Captive screw clamp terminals, 2 x 0.25...2 x 1 mm ² flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm ² flexible with cable end, with double bezel
Output Type	Relay, 1 NO circuit(s), volt-free
Number Of Additional Circuits	1 NC
[Us] Rated Supply Voltage	115 V AC - 15...15 %

Complementary

Synchronisation Time Between Inputs	0.5 s
Supply Frequency	50/60 Hz
Power Consumption In Va	20 VA
Input Protection Type	Internal, electronic
Number Of Inputs	1 NC + NO
Input Voltage	18 V
Input Current	30 mA
Input Compatibility	Two-hand control conforming to EN 574/ISO 13851-III A
[Uc] Control Circuit Voltage	24 V DC
Breaking Capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output

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

Breaking Capacity	1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
[Ith] Conventional Free Air Thermal Current	5 A
Associated Fuse Rating	4 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow for relay output 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	25 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	2 LEDs
Mounting Support	35 mm symmetrical DIN rail
Net Weight	0.2 kg

Environment

Standards	EN 574 type III A/ISO 13851 EN/IEC 60947-5-1 EN/IEC 60204-1
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	-10...55 °C
Ambient Air Temperature For Storage	-25...85 °C

Contractual warranty

Warranty	18 months
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Dimensions Drawings

Dimensions

