

Product data sheet

Specifications



module XPSBA - two-hand control - 115 V AC

XPSBA3420

⚠ Discontinued on: May 30, 2014

⚠ 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 EN/ISO 13849-1
Safety Reliability Data	MTTFd = 160.8 years EN/ISO 13849-1 PFHd = 7.1E-7 1/h 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, 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 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 24 V DC-13)50 ms relay output
[Ith] Conventional Free Air Thermal Current	5 A
Associated Fuse Rating	4 A gG relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum Output Current	10 mA relay output
Minimum Output Voltage	17 V relay output
Maximum Response Time On Input Open	25 ms
[Ui] Rated Insulation Voltage	300 V 2)IEC 60947-5-1 300 V 2)DIN VDE 0110 part 1
[Uimp] Rated Impulse Withstand Voltage	4 kV III IEC 60947-5-1 4 kV III DIN VDE 0110 part 1
Local Signalling	2 LEDs
Mounting Support	35 mm symmetrical DIN rail
Net Weight	0.44 lb(US) (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)EN/IEC 60529 IP40 enclosure)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)

Contractual warranty

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

Dimensions Drawings

Dimensions

