Product datasheet





module XPSBAE - two - hand control IIIA - 24 V AC DC

XPSBAE5120P

! Discontinued on: 31-Dec-2023

① Discontinued

Main

Range of product	Preventa Safety automation	
product or component type	Preventa safety module	
safety module name	dule name XPSBAE	
safety module application	For electrical monitoring of two-hand control stations	
Function of module	Monitoring two-hand control station type IIIA	
Safety level	Can reach PL c/category 1 conforming to EN/ISO 13849-1 Can reach SILCL 1 conforming to EN/IEC 62061	
Safety reliability data	MTTFd = 55 years conforming to EN/ISO 13849-1 PFHd = 2.1E-6 1/h conforming to EN/IEC 62061	
Connections - terminals	Captive screw clamp terminals, 1 x 0.251 x 1.5 mm² flexible with cable end, with bezel Captive screw clamp terminals, 1 x 0.251 x 2.5 mm² flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.252 x 1 mm² flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.52 x 1.5 mm² flexible with cable end, with double bezel Captive screw clamp terminals, 1 x 0.21 x 2.5 mm² stranded without cable end Captive screw clamp terminals, 1 x 0.21 x 2.5 mm² solid without cable end Captive screw clamp terminals, 2 x 0.22 x 1.5 mm² stranded without cable end Captive screw clamp terminals, 2 x 0.22 x 1.5 mm² stranded without cable end	
Output type	Relay, 1 NO circuit(s), volt-free	
Number of additional circuits	1 NC	
[Us] rated supply voltage	24 V AC/DC - 1510 %	

Complementary

Synchronisation time between inputs	0.5 s	
Supply frequency	50/60 Hz	
maximum power consumption in W	0.8 W	
Power consumption in VA	2.4 VA	
Input protection type	Internal, electronic	
Number of inputs	1 NC + NO	
Input current	2.5 mA NC 25 mA NO	
Input compatibility	mpatibility Two-hand control conforming to EN 574	
[Uc] control circuit voltage	24 V DC	

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Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush	
Breaking capacity	2 A at 24 V (DC-13) time constant: 20 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 6 A fast blow	
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	tion voltage 300 V (pollution degree 2) conforming to IEC 60947-5-1	
[Uimp] rated impulse withstand voltage	withstand 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	ing support 35 mm symmetrical DIN rail	
net weight 0.1 kg		

Environment

Standards	EN 62061 EN/IEC 60947-5-1 EN 60947-01 EN/IEC 60204-1 EN/ISO 13849-1 EN 574 type III A
Product certifications	UL CSA TÜV
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-2555 °C
Ambient air temperature for storage	-2575 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.5 cm
Package 1 Width	11.5 cm
Package 1 Length	12.5 cm
Package 1 Weight	164.0 g

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

⊘	Toxic Heavy Metal Free	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes
⊘	Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

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Dimensions Drawings

Dimensions

