Product data sheet

Specifications

module XPSBCE - two-hand control - 230 V AC

XPSBCE3710P

⊙ Discontinued on: 30 June 2021

⊙ To be end-of-service on: 31 December 2023

⚠ **Discontinued - Service only**

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSBCE
Safety module application	For electrical monitoring of two-hand control stations
Function of module	Monitoring two-hand control station
Safety level	Can reach PL e/category 4 conforming to EN/ISO 13849-1 Can reach SILCL 3 conforming to EN/IEC 62061
Safety reliability data	DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 37 years conforming to EN/ISO 13849-1 PFHd = 3E-8 1/h conforming to EN/IEC 62061
Connections - terminals	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, 1 x 0.25...1 x 2.5 mm² flexible with cable end, without bezel 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 1.5 mm² flexible with cable end, with double bezel 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, 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
Output type	Relay, 2 NO circuit(s), volt-free
Number of additional circuits	1 NC
[Us] rated supply voltage	230 V AC - 15...10 %

Complementary

Synchronisation time between inputs	0.5 s
Supply frequency	50/60 Hz
Power consumption in VA	4 VA
Input protection type	Internal, electronic
Number of inputs	1 NC + NO
Input compatibility	Two-hand control conforming to EN 574/ISO 13851-III C
[Uc] control circuit voltage	24 V DC
Breaking capacity	3600 VA inrush AC-15 B300 relay output

160 VA holding AC-15 B300 relay output

Breaking capacity	1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
[Ith] conventional free air thermal current	6 A
Associated fuse rating	6 A gG 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	50 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
Net weight	0.322 kg

Environment

Standards	EN/IEC 60947-5-1 EN 574 type III C/ISO 13851 EN/IEC 60204-1
Product certifications	BG CSA UL
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-25…55 °C
Ambient air temperature for storage	-25…75 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	299.0 g
Package 1 Height	4.0 cm
Package 1 width	11.5 cm
Package 1 Length	12.5 cm
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Weight	6.911 kg
Package 2 Height	15.0 cm
Package 2 width	30.0 cm
Package 2 Length	40.0 cm
Package 3 Height	77 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)

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
PVC free	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months

Dimensions

mm
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in.

114
4.49

22,5
0.89

99
3.89
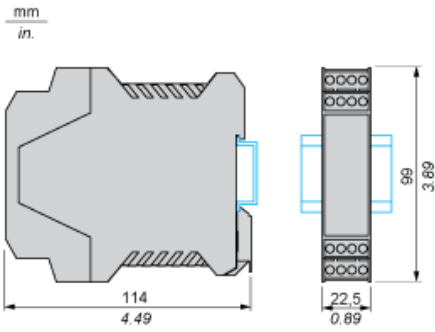
Recommended replacement(s)

XPSBCE3710P is replaced by:

1x   Safety module, Harmony Safety Automation, Cat.4, features 2*XPSUAF + enabling movement, 48-240v AC/DC, screw

XPSUS32AP

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