



❗ Discontinued

Commercial status

To be discontinued on: 30 June 2021

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

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module 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 EN/ISO 13849-1 Can reach SILCL 1 EN/IEC 62061
Safety reliability data	MTTFd = 55 years EN/ISO 13849-1 PFHd = 2.1E-6 1/h EN/IEC 62061
Connections - terminals	Cage clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm ² stranded without cable end Cage clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm ² solid without cable end Cage clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, with bezel Cage clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, without bezel Cage clamp terminals, removable terminal block, 2 x 0.5...2 x 1 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	24 V AC/DC - 15...10 %

Complementary

Synchronisation time between inputs	0.5 s
Supply frequency	50/60 Hz
Maximum power consumption in W	0.8 W
Maximum 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	Two-hand control EN 574
[Uc] control circuit voltage	24 V DC
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush
Breaking capacity	2 A 24 V DC-13)20 ms relay output
[Ith] conventional free air thermal current	5 A
Associated fuse rating	4 A gG relay output 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	300 V (pollution degree 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	2 LEDs
Mounting support	35 mm symmetrical DIN rail
Net weight	0.22 lb(US) (0.1 kg)

Environment

Standards	EN 574 type III A EN 60947-01 EN/ISO 13849-1 EN/IEC 60947-5-1 EN/IEC 60204-1 EN 62061
Product certifications	UL CSA TÜV
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529 IP40 enclosure)EN/IEC 60529
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-13...167 °F (-25...75 °C)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	5.57 oz (158 g)
Package 1 Height	1.50 in (3.8 cm)
Package 1 width	4.88 in (12.4 cm)
Package 1 Length	4.41 in (11.2 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Weight	7.69 lb(US) (3.49 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 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) EU RoHS Declaration
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

Contractual warranty

Warranty	18 months
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Dimensions

