



## Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSBF
Safety module application	For electrical monitoring of two-hand control stations
Function of module	Monitoring two-hand control station and a foot switch
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 = 50.1 years conforming to EN/ISO 13849-1 PFHd = 1.3E-8 1/h conforming to EN/IEC 62061
Connections - terminals	Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm <sup>2</sup> flexible without cable end Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm <sup>2</sup> solid without cable end Captive screw clamp terminals, 1 x 0.25...1 x 1.5 mm <sup>2</sup> flexible with cable end, with bezel Captive screw clamp terminals, 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm <sup>2</sup> flexible without cable end Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm <sup>2</sup> solid without cable end Captive screw clamp terminals, 2 x 0.25...2 x 1 mm <sup>2</sup> flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm <sup>2</sup> flexible with cable end, with double bezel
Output type	Relay, 2 NO circuit(s), volt-free
Number of additional circuits	2 solid state outputs
[Us] rated supply voltage	24 V DC - 20...20 %

## Complementary

Synchronisation time between inputs	0.5 s
Maximum power consumption in W	2.5 W
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	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	20 MA at 24 V for solid state output circuit 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	4.2 A per relay for relay output
[Ith] conventional free air thermal current	8.4 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	20 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
Current consumption	8 mA at 24 V DC on power supply
Mounting support	35 mm symmetrical DIN rail
Net weight	0.15 Kg

## Environment

Standards	EN 574 type III C/ISO 13851 EN/IEC 60204-1 EN/IEC 60947-5-1
Product certifications	CSA UL TÜV
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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	203 G
Package 1 Height	3 Cm
Package 1 width	10.5 Cm
Package 1 Length	12 Cm

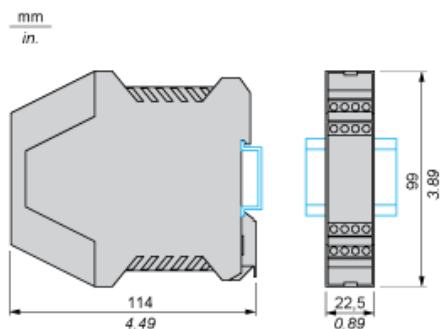
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
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



Product Life Status : **End of commerc. announced**

XPSBF1132 may be replaced by any of the following products:



### XPSUS12AP

Preventa module Cat.4 features 2\*XPSUAF + enabling movement 24vac/dc screw

Qty 1

Reason for Substitution: End of life | Substitution date: 01 Jun 2019 |



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Preventa module Cat.4 features 2\*XPSUAF + enabling movement 24vac/dc screw

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### XPSUS12AP

Preventa module Cat.4 features 2\*XPSUAF + enabling movement 24vac/dc screw

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Mar 2021 | Avaliar atualização para a referencia XPSUS12AP