

# Product datasheet

Specifications



## module XPSBF - two-hand control - 24 V DC

Local distributor code:

407169450

XPSBF1132

! Discontinued on: 3 Jul 2021

EAN Code: 3389110274189

! Discontinued

### 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
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

[I <sub>th</sub> ] 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
[Ui <sub>imp</sub> ] 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 Height	3.0 cm
Package 1 Width	10.5 cm
Package 1 Length	12.0 cm
Package 1 Weight	203.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	16
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	3.608 kg

## Contractual warranty

Warranty (in months)	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

#### Materials and Substances

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation

[REACH Declaration](#)

PVC free

Yes

### Use Longer

#### Lifetime extension

Repair

No

### Use Again

#### Repack and remanufacture

WEEE Label

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Dimensions Drawings

## Dimensions

