

Product availability: Stock - Normally stocked in distribution facility



### 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, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 1.5 mm <sup>2</sup> flexible cable with cable end, with bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm <sup>2</sup> flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm <sup>2</sup> flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.14...1 x 2.5 mm <sup>2</sup> flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.14...1 x 2.5 mm <sup>2</sup> solid cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.14...2 x 0.75 mm <sup>2</sup> flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.14...2 x 0.75 mm <sup>2</sup> solid cable without cable end
Output type	Relay 2 NO, 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	C300: holding 180 VA AC-15 relay output C300: inrush 1800 VA AC-15 relay output
Breaking capacity	1.5 A/24 V - L/R = 50 ms, DC-13 relay output 20 mA / 24 V solid state output circuit
Output thermal current	4.2 A per relay relay output
[Ith] conventional free air thermal current	<= 8.4 A

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Associated fuse rating	4 A gG relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA relay output
Minimum output voltage	17 V relay output
Response time on input open	<= 20 ms
[Ui] rated insulation voltage	300 V, degree of pollution 2 conforming to IEC 60947-5-1 300 V, degree of pollution 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 / 24 V DC on power supply
Mounting support	35 mm symmetrical DIN rail
Product weight	0.33 lb(US) (0.15 kg)

## Environment

Standards	EN/IEC 60947-5-1 EN 574 type III C/ISO 13851 EN/IEC 60204-1
Product certifications	UL TÜV CSA
IP degree of protection	IP20(Terminals) conforming to EN/IEC 60529 IP40(enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	14...131 °F (-10...55 °C)
Ambient air temperature for storage	-13...185 °F (-25...85 °C)

## Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	00785901629832
Nbr. of units in pkg.	1
Package weight(Lbs)	0.4799999999999998
Returnability	Y
Country of origin	ID

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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