

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 EN/ISO 13849-1 Can reach SILCL 3 EN/IEC 62061
Safety reliability data	DC > 99 % EN/ISO 13849-1 MTTFd = 50.1 years EN/ISO 13849-1 PFHd = 1.3E-8 1/h EN/IEC 62061
Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.14...1 x 2.5 mm ² flexible without cable end Captive screw clamp terminals, removable terminal block, 1 x 0.14...1 x 2.5 mm ² solid without cable end Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 1.5 mm ² flexible with cable end, with bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 2 x 0.14...2 x 0.75 mm ² flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.14...2 x 0.75 mm ² solid without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm ² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm ² flexible with cable end, with double bezel
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
Maximum power consumption in W	2.5 W
Input protection type	Internal, electronic
Number of inputs	1 NC + NO
Input compatibility	Two-hand control 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 24 V solid state output circuit 1.5 A 24 V DC-13)50 ms relay output
Output thermal current	4.2 A per relay relay output
[Ith] conventional free air thermal current	8.4 A
Associated fuse rating	4 A gG relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA relay output

Minimum output voltage	17 V relay output
Maximum response time on input open	20 ms
[Ui] rated insulation voltage	300 V 2)IEC 60947-5-1 300 V 2)DIN VDE 0110 part 1
[Uimp] rated impulse withstand voltage	4 kV III IEC 60947-5-1 4 kV III 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
Net weight	0.33 lb(US) (0.15 kg)

Environment

Standards	EN/IEC 60947-5-1 EN/IEC 60204-1 EN 574 type III C/ISO 13851
Product certifications	CSA UL TÜV
IP degree of protection	IP20 terminals)EN/IEC 60529 IP40 enclosure)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	22000 - Temporary Category for ITS Price Promotion
Discount Schedule	I
GTIN	00785901629832
Package weight(Lbs)	0.22 kg (0.48 lb(US))
Returnability	Yes
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
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.

Contractual warranty

Warranty	18 months
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Dimensions

