

Product availability: Non-Stock - Not normally stocked in distribution facility



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 SILCL 1 conforming to EN/IEC 62061 Can reach PL c/category 1 conforming to EN/ISO 13849-1
Safety reliability data	MTTFd = 55 years conforming to EN/ISO 13849-1 PFHd = 2.1E-6 1/h conforming to EN/IEC 62061
Connections - terminals	Cage clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² stranded cable without cable end Cage clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² solid cable without cable end Cage clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, with bezel Cage clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, without bezel Cage clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1 mm ² flexible cable 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
Power consumption in W	0.8 W
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 conforming to EN 574
[Uc] control circuit voltage	24 V DC
Breaking capacity	: inrush 1800 VA C300: holding 180 VA AC-15 relay output
Breaking capacity	2 A/24 V - L/R = 20 ms, DC-13 for relay output
[Ith] conventional free air thermal current	5 A
Associated fuse rating	6 A fast blow 4 A gG for relay output conforming to EN/IEC 60947-5-1
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
[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
Product weight	0.22 lb(US) (0.1 kg)

Environment

Standards	EN/IEC 60204-1 EN/ISO 13849-1 EN/IEC 60947-5-1 EN 60947-01 EN 62061 EN 574 type III A
Product certifications	TÜV UL CSA
IP degree of protection	IP20(Terminals) conforming to EN/IEC 60529 IP40(enclosure) conforming to 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)

Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	003606480476686
Nbr. of units in pkg.	1
Package weight(Lbs)	0.22
Returnability	N
Country of origin	DE

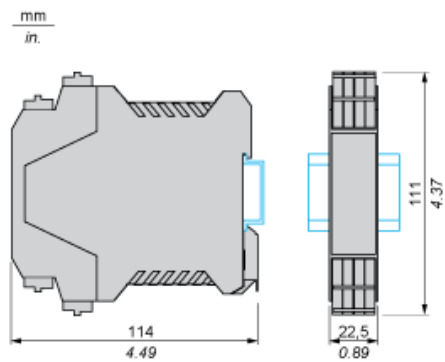
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1220 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
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 www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Dimensions



Mouser Electronics

Authorized Distributor

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[XPSBAE5120C](#)