

Product availability: Stock - Normally stocked in distribution facility

Price*: 450.00 USD



Commercial status

This Product is Obsolete : JAN 23, 2021

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Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAK
Safety module application	For emergency stop, switch, sensing mat/edges or safety light curtain monitoring
Function of module	Proximity sensor monitoring Emergency stop monitoring 1-channel wiring Monitoring of electro-sensitive protection equipment (ESPE) Multiple emergency stop monitoring 2-channel wiring Monitoring of a movable guard Sensing mat and edges monitoring Emergency stop with 2 NC contacts monitoring 2-channel wiring Monitoring of a movable guard associated with 2 switches and automatic start
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 = 154.5 years EN/ISO 13849-1 PFHd = 7.39E-9 1/h EN/IEC 62061
Type of start	Configurable
Connections - terminals	Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm ² solid with cable end, with double bezel Captive screw clamp terminals, 1 x 0.25...1 x 1.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² solid with cable end, with double bezel Captive screw clamp terminals, 2 x 0.25...2 x 1 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm ² flexible with cable end, with double bezel
Output type	Relay instantaneous opening, 3 NO, volt-free

Number of additional circuits	1 NC + 4 solid state outputs
[Us] rated supply voltage	24 V AC - 15...10 % 24 V DC - 15...10 %

Complementary

Synchronisation time between inputs	Unlimited (manual start) 2 or 4 s depending of wiring (automatic start)
Supply frequency	50/60 Hz
Maximum power consumption in VA	5 VA AC
Input protection type	Internal, electronic
[Uc] control circuit voltage	24 V DC
Maximum line resistance	28 Ohm
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	1.5 A 24 V DC-13)50 ms relay output
Output thermal current	6 A per relay for relay output
[Ith] conventional free air thermal current	18 A
Associated fuse rating	4 A gG or gL 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	40 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	4 LEDs
Current consumption	30 mA 24 V AC on power supply
Mounting support	35 mm symmetrical DIN rail
Net Weight	0.66 Lb(US) (0.3 kg)

Environment

Standards	EN/ISO 13850 EN 1088/ISO 14119 EN/IEC 60947-5-1 EN/IEC 60204-1
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	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	03389110291933
Nbr. of units in pkg.	1
Package weight(Lbs)	12.49 Oz (354 g)
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.56 In (6.5 cm)
Package 1 width	4.13 In (10.5 cm)
Package 1 Length	4.92 In (12.5 cm)

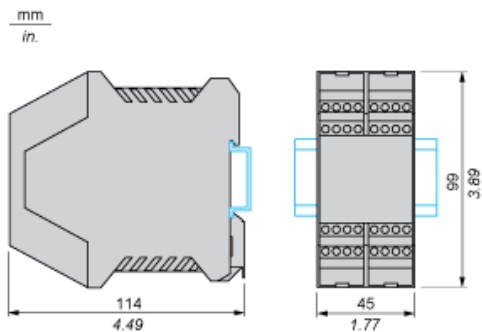
Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
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.
PVC free	Yes

Contractual warranty

Warranty	18 months
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Dimensions



Product Life Status : **End of commercialisation**

XPSAK311144 may be replaced by any of the following products:



XPSUAK12AP

Safety module, Harmony Safety Automation, Cat.4, features XPSUAF + PNP/NPN, safety mat, 24v AC/DC, screw

Qty 1

Substitution date: |