



## Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAV
Safety module application	For emergency stop and switch monitoring
Function of module	Monitoring of a movable guard associated with 2 switches automatic start Emergency stop monitoring 1-channel wiring Emergency stop button with 1 NC contact, automatic start or unmonitored start Emergency stop monitoring 2-channel wiring Emergency stop button with 2 NC contacts, monitored start
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 = 75.8 years conforming to EN/ISO 13849-1 PFHd = 7.95E-9 1/h conforming to EN/IEC 62061
Type of start	Configurable
Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 m- m <sup>2</sup> flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 m- m <sup>2</sup> solid with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 m- m <sup>2</sup> flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 m- m <sup>2</sup> solid with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 m- m <sup>2</sup> flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 m- m <sup>2</sup> flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 m- m <sup>2</sup> flexible with cable end, with double bezel
Output type	Relay instantaneous opening, 3 NO circuit(s), volt-free Relay time delay opening, 3 NO circuit(s), volt-free
Number of additional circuits	3 solid state outputs
[Us] rated supply voltage	24 V DC - 20...20 %

## Complementary

Synchronisation time between inputs	Unlimited for emergency stop 1.5 s for guard
Maximum power consumption in W	5 W DC
Input protection type	Internal, electronic
Time delay range	0...300 s
[Uc] control circuit voltage	24 V DC
Maximum line resistance	100 Ohm <2000 m

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 1.25 A at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	2 A for 1 output and 4 A for the other 2 outputs for instantaneous and time delay- outputs 3.3 A for all 3 outputs for instantaneous and time delay outputs 6 A for 1 output and 2 A for the other 2 outputs for instantaneous and time delay- outputs
[I <sub>th</sub> ] conventional free air thermal current	20 A
Associated fuse rating	4 A gG or gL for instantaneous and time delay outputs conforming- to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow 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	30 Ms
[U <sub>i</sub> ] 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
[U <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	11 LEDs
Mounting support	35 mm symmetrical DIN rail
Net weight	0.32 Kg

## Environment

Standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/ISO 13850 EN/IEC 60947-5-1
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	-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 Weight	432 G
Package 1 Height	6.5 Cm
Package 1 width	11.5 Cm
Package 1 Length	16 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	20
Package 2 Weight	9.676 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

## Offer Sustainability

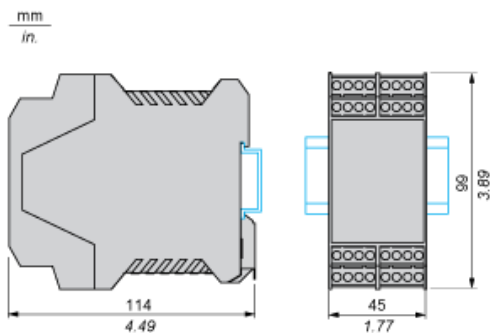
Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>

Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
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
----------	-----------

## Dimensions



Product Life Status : **End of commerc. announced**

XPSAV11113P may be replaced by any of the following products:



### XPSUAT13A3AP

Preventa module Cat.4 features XPSUAK + delayed outputs 24vac/dc screw

Qty 1

Reason for Substitution: End of life | Substitution date: 01 Jun 2019 |



### XPSUAT13A3AP

Preventa module Cat.4 features XPSUAK + delayed outputs 24vac/dc screw

Qty 1

Reason for Substitution: End of life | Substitution date: 01 Jun 2019 |



### XPSUAT13A3AP

Preventa module Cat.4 features XPSUAK + delayed outputs 24vac/dc screw

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Mar 2021 | Avaliar atualização para a referencia XPSUAT13A3AP



### 65900

Preventa XPS Universal safety modules

Reason for Substitution: End of life | Substitution date: 30 Mar 2021 | Favor avaliar atualização para família XPSU