Product datasheet

Specifications

Green Premium™

module XPSAV - Emergency stop - 24 V DC, time delay 0...300 s

XPSAV11113

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	Emergency stop button with 2 NC contacts, monitored start Emergency stop monitoring 2-channel wiring Monitoring of a movable guard associated with 2 switches automatic start Emergency stop button with 1 NC contact, automatic start or unmonitored start Emergency stop monitoring 1-channel wiring
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, 1 x 0.14...1 x 2.5 mm² flexible with cable end, with double bezel Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm² solid with cable end, with double bezel Captive screw clamp terminals, 1 x 0.25...1 x 1.5 mm² flexible with cable end, with double bezel Captive screw clamp terminals, 1 x 0.25...1 x 2.5 mm² flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm² flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm² solid with cable end, with double bezel Captive screw clamp terminals, 2 x 0.25...2 x 1 mm² flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm² 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	1.5 s for guard Unlimited for emergency stop
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

Disclaimer: 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

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
[Ith] 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
[Ui] 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
[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	11 LEDs
Mounting Support	35 mm symmetrical DIN rail
Net Weight	0.32 kg

Environment

Standards	EN/ISO 13850 EN 1088/ISO 14119 EN/IEC 60947-5-1 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	-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 Height	6.396 cm
Package 1 Width	11.611 cm
Package 1 Length	16.036 cm
Package 1 Weight	431.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	20
Package 2 Height	30.0 cm

Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.53 kg

Contractual warranty

Warranty	12 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

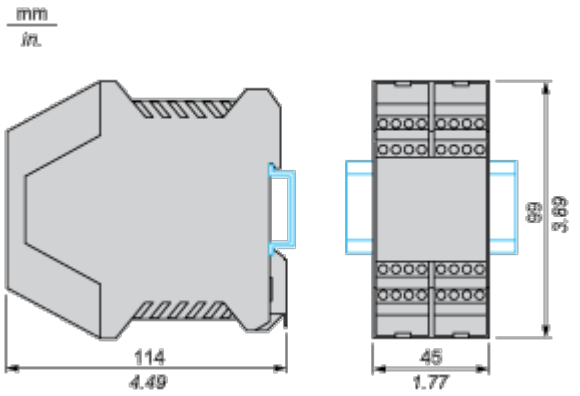
Transparency RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

Dimensions Drawings

Dimensions