XPSATE5110P

module XPSAT - Emergency stop - 24 V DC

Green Premium™ Product

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSATE
Safety module application	For emergency stop and switch monitoring
Function of module	Emergency stop button with 2 NC contacts
Safety level	Can reach PL d/category 3 time delay safety outputs EN/ISO 13849-1 Can reach PL e/category 4 instantaneous safety outputs EN/ISO 13849-1 Can reach SILCL 3 instantaneous safety outputs EN/IEC 62061 Can reach SILCL 2 time delay safety outputs EN/IEC 62061
Safety reliability data	DC > 99 % instantaneous safety outputs EN/ISO 13849-1 MTTFd = 134.8 years instantaneous safety outputs EN/ISO 13849-1 MTTFd = 54.5 years time delay safety outputs EN/ISO 13849-1 DC > 98.4 time delay safety outputs EN/ISO 13849-1 PFHd = 6.81E-9 1/h instantaneous safety outputs EN/IEC 62061 PFHd = 1.96E-8 1/h time delay safety outputs EN/IEC 62061
Type of start	Configurable
Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² solid with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm² solid with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 mm² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm² flexible with cable end, with double bezel
Output type	Relay instantaneous opening, 2 NO, volt-free Relay time delay opening, 3 NO, volt-free
Number of additional circuits	3 solid state outputs
[Us] rated supply voltage	24 V DC - 15...10 %

Complementary

Synchronisation time between inputs	75 ms
Supply frequency	50/60 Hz
Maximum power consumption in W	8 W
Input protection type	Internal, electronic
Time delay range	0...30 s
[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	1 A 24 V DC-13)50 ms relay output
Output thermal current	2.5 A time delay outputs 5 A instantaneous outputs
[Ith] conventional free air thermal current	8 A
Associated fuse rating	4 A gG time delay outputs EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A gG instantaneous outputs 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	4 LEDs
Mounting support	35 mm symmetrical DIN rail
Net Weight	0.62 lb(US) (0.28 kg)

Environment

Standards	EN/IEC 60947-5-1 EN/IEC 60204-1 EN/ISO 13850
Product certifications	TÜV CSA UL
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	00785901573944
Nbr. of units in pkg.	1
Package weight(Lbs)	0.77 lb(US) (0.35 kg)
Returnability	Yes
Country of origin	ID

Packing Units

Package 1 Height	1.250 dm
Package 1 width	0.620 dm
Package 1 Length	1.050 dm

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Offer Sustainability

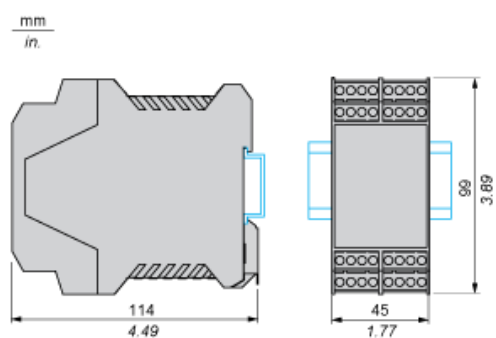|	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov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

Dimensions

$$\frac{mm}{in.}$$

Mouser Electronics

Authorized Distributor

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