



Teknisk informasjon

Produktspekter	Harmony Safety Automation
Produkt eller type komponent	Safety module
Sikkerhetsmodul navn	XPSUEP
Safety module application	For extending number of safety contacts
Modulfunksjon	Safety output extension
Sikkerhetsnivå	Can reach PL e/category 4 for normally open relay contact conforming to ISO 13849-1 Can reach SILCL 3 for normally open relay contact conforming to IEC 62061 Can reach SIL 3 for normally open relay contact conforming to IEC 61508 Can reach PL c/category 1 for normally closed relay contact conforming to ISO 13849-1 Can reach SILCL 1 for normally closed relay contact conforming to IEC 62061 Can reach SIL 1 for normally closed relay contact conforming to IEC 61508
Sikkerhet pålitelighet data	MTTFd > 30 years conforming to ISO 13849-1 Dcavg >= 99 % conforming to ISO 13849-1 PFHd = 1.61E-09 i samsvar med ISO 13849-1 HFT = 1 conforming to IEC 62061 PFHd = 1.61E-09 i samsvar med IEC 62061 SFF > 99% conforming to IEC 62061 HFT = 1 conforming to IEC 61508-1 PFHd = 1.61E-09 i samsvar med IEC 61508-1 SFF > 99% conforming to IEC 61508-1 Type = B conforming to IEC 61508-1
Type elektrisk krets	Addition to Preventa XPSU base module
Tilkoblingsklemmer	Removable spring terminal block, 0.2...2.5 mm ² solid or flexible Removable spring terminal block, 0.25...2.5 mm ² flexible with ferrule single conductor Removable spring terminal block, 0.2...1.5 mm ² solid or flexible twin conductor Removable spring terminal block, 2 x 0.25...1 mm ² flexible with ferrule without cable end, with bezel Removable spring terminal block, 2 x 0.5...1.5 mm ² flexible with ferrule with cable end, with bezel
[Us] merkespenning	48...240 V AC/DC - 10...10 %

Komplementær

Strømforbruk i W	2 W 48 V DC
Strømforbruk i VA	6,5 VA 240 V AC 50/60 Hz
Verntype på inngang	Internal, electronic
Safety outputs	4 NO 2 NC
Safety inputs	0
Maximum line resistance	60 Ohm
Input compatibility	Normally closed circuit conforming to ISO 14119 XC limit switch conforming to ISO 14119 Mechanical contact conforming to ISO 14119 Normally closed circuit conforming to ISO 13850 Antivalent pair i samsvar med ISO 14119 OSSD pair conforming to IEC 61496-1-2 3-wire proximity sensors PNP

[Ie] nominell driftsstrøm	5 A AC-1 for normally open relay contact 3 A AC-15 for normally open relay contact 5 A DC-1 for normally open relay contact 3 A DC-13 for normally open relay contact
[Ith] konvensjonell friluft termisk strøm	8 A
Sikringsstørrelse	10 A gG for NO relay output circuit conforming to IEC 60947-1 4 A gG for NC reléutgang krets i samsvar med IEC 60947-1
Minimum output current	10 mA for relay output
Minimum utgangsspenning	12 V for relay output
Maximum response time on input open	20 ms
[Ui] isolasjonsspenning	250 V (pollution degree 2) conforming to EN/IEC 60947-1
[Uimp] Nominell impuls-spenning	4 kV overvoltage category II conforming to EN/IEC 60947-1
Lokal varsling	POWER ON: LED (grønn) Feil: LED (rød) Safety output status: LED (gul)
Montering	35 mm symmetrical DIN rail
Dybde	120 mm
Høyde	100 mm
Bredde	22,5 mm
Vekt	0,200 kg

Miljø

Standarder	IEC 60947-5-1 IEC 61508-1 functional safety standard IEC 61508-2 functional safety standard IEC 61508-3 functional safety standard IEC 61508-4 functional safety standard IEC 61508-5 functional safety standard IEC 61508-6 functional safety standard IEC 61508-7 functional safety standard ISO 13849-1 functional safety standard IEC 62061 functional safety standard
Produktsertifikater	TÜV cULus
IP-grad	IP20 (terminals) conforming to EN/IEC 60529 IP40 (housing) conforming to EN/IEC 60529 IP54 (mounting area) conforming to EN/IEC 60529
Omgivelsestemperatur for lagring	-25...85 °C
Relativ fuktighet	5...95 % non-condensing

Packing Units

Enhetstype forpakning 1	PCE
Antall enheter forpakning 1	1
Forpakning 1 vekt	305 g
Forpakning 1 høyde	6,8 cm
Forpakning 1 bredde	14 cm
Forpakning 1 lengde	15,8 cm

Offer Sustainability

Produktets miljøstatus	Green Premium miljømerket produkt
REACH-regelverk	 REACH-erklæring
EU RoHS-direktiv	Proaktivt i samsvar (Produktet inngår ikke i EUs RoHS direktivet)  EU RoHS-erklæring
Kvikksølvfri	Ja
Informasjon om RoHS-unntak	 Ja
Kinas RoHS-forskrift	 Kinas RoHS-Erklæring
Miljøinformasjon	 Produktmiljøprofil
Produktets livssyklus	 Informasjon Om Levetidsslutt

WEEE	Innen EU må produktet avhendes i henhold til bestemte regler for avfallshåndtering og aldri kastes som husholdningsavfall.
PVC-fri	Ja

Contractual warranty

Garanti	18 måneder
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