

Produktdatablad

Spesifikasjoner



Controller 32in Modbus Profi

EI-nummer:

4311781

XPSMC32ZP

EAN: 3389119010290

Produktdata

Produktspekter	Preventa Safety automation
Produkt eller type komponent	Configurable safety controller
Sikkerhetsmodul navn	XPSMC
sikkerhet bruk kategori	Kategori 4 maksimum i samsvar med EN 954-1/EN/ISO 13849-1 PLE maksimum i samsvar med ISO 13849-1 SIL 3 maksimum i samsvar med IEC 61508
type of start	Programerbar
Standarder	EN 954-1/EN/ISO 13849-1 IEC 61496-1 IEC 61508 IEC 60204-1 EN 1760-1/ISO 13856-1 EN 574/ISO 13851 IEC 60947-5-1
Produktsertifikater	CSA UL TÜV
[Us] merkespenning	24 V DC - 20...20 %
Antall innganger	32
kommunikasjonsport protokoll	Modbus med 1 RJ45 port(er), serieforbindingse, overføringsrate: 1200 bps, 2400 bps, 4800 bps, 9600 bps or 19200 bps Profibus med En SUB-D 9-pin hun port(er), serieforbindingse, overføringsrate: 12 Mbps
sikkerhetsnivå	Kan nå PL c/kategori 3 i samsvar med EN 954-1/EN/ISO 13849-1 Kan nå SIL 3 i samsvar med IEC 61508

Teknisk data

modulfunksjon	Emergency stop monitoring, with or without time delay, 1 or 2-channel wiring Enabling switch monitoring, 2 or 3 contacts Foot switch monitoring Guard monitoring with 1 or 2 limit switches Magnetic switch monitoring kategori 4 i samsvar med EN/IEC 61496 Muting function of light curtains Position selector Safety mat monitoring Safety time delays Shaft/chain breaking monitor Zero speed detection Light curtain monitoring kategori 4 i samsvar med IEC 61496 Two-hand control kategori 3 i samsvar med EN 574/ISO 13851
Synkroniseringstid mellom innganger	Depending on configuration selected
Strømforbruk i W	12 W
verntype på inngang	External fuse 16 A
[Uc] Styrespenning	28.8 V

maks linjeresistans	100 Ohm <2000 m
Utgang type	2 reléer, 2 NO contacts (4 NO total) krets(er) Solid state, 6 krets(er), spenningsløs
bryteevne	180 VA holder AC-15 C300 relay output 1800 VA inntrengings AC-15 C300 relay output
bryteevne	2 A på 24 V for statisk utgangskretsen 1,5 A på 24 V (DC-13)50 ms for relay output
utgang termisk strøm	4 A for begge utganger samtidig 6 A for 1 utgang og 2 A for de andre for relay output
[Ith] fri luft termisk strøm	16 A for relay output 6,5 A for statisk utgangskretsen
sikringsstørrelse	16 A GL for strømforsyning 4 A GL for relay output 6 A fast blow for relay output
minimum utgangsstrøm	10 mA for relay output
minimum utgangsspennning	17 V for relay output
Responstid	Konfigurerbar: 20ms eller 30ms med programvare XPSMCWIN
[Uij] isolasjonsspennning	300 V (forurensningsgrad 2) i samsvar med IEC 60647-5-1, DIN VDE 0110 part 1
[Uimp] Nominell impuls-spennning	4 kV overspennings kategori III i samsvar med IEC 60647-5-1, DIN VDE 0110 part 1
Tilgangsmetode	Slave
byttestørrelse	14 ord
Antall adresser	1...125 for Profibus 1...247 for Modbus
Likhet	Even for Modbus Nei for Modbus Odd for Modbus
dataformat	1 start bit / 8 databiter 1 stopp bit jevn eller ujevn 2 stoppbiter uten paritet (Remote Terminal Unit) modus RTU
støttet modbus funksjon	1: 8-bit output data/32-bit input data 2: 32-bit input data/8-bit output data 3: information and errors
Lokal varsling	48 LED
Montering	Montasjeplate
Dybde	153 mm
Høyde	151,5 mm
Bredde	74 mm
Vekt	0,84 kg

Miljø

IP-grad	IP20 i samsvar med IEC 60529
Omgivelsestemperatur drift	-10...55 °C
Omgivelsestemperatur for lagring	-25...85 °C

Forpakkingsinformasjon

Enhets type pakke 1	PCE
Antall enheter i pakke 1	1

Pakke 1 Høyde	9,500 cm
Pakke 1 Bredde	18,000 cm
Pakke 1 Vekt	26,100 cm
Package 1 Weight	1,288 kg
Enhetsstype pakke 2	S04
Antall enheter i pakke 2	6
Pakke 2 Høyde	30,000 cm
Pakke 2 Bredde	40,000 cm
Pakke 2 Lengde	60,000 cm
Pakke 2 Vekt	8,560 kg

Garantiperiode

Garanti	18 months
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Environmental Data

Schneider Electric tar sikte på å oppnå Net Zero-status innen 2050 gjennom partnerskap med leverandørkjeden, materialer med lavere slagkraft og sirkularitet via vår pågående "Use Better, Use Longer, Use Again"-kampanje for å forlenge produktlevetiden og resirkulerbarheten.

[Environmental Data forklart >](#)

[Hvordan vi vurderer produktets bærekraft >](#)

Miljøfotavtrykk

Samlet klimagassutslipp gjennom livsløpet 541

PEP (Product Environmental Profile) [Produktmiljøprofil](#)

Use Better

Materialer og emballasje

Emballasje med resirkulert papp Nei

Emballasje uten plast Nei

[EU RoHS-direktiv](#) Proaktivt i samsvar (Produktet inngår ikke i EUs RoHS direktivet)

REACH-regelverk [REACH-erklæring](#)

PVC-fri Ja

Use Again

Ompakking og reproduksjon

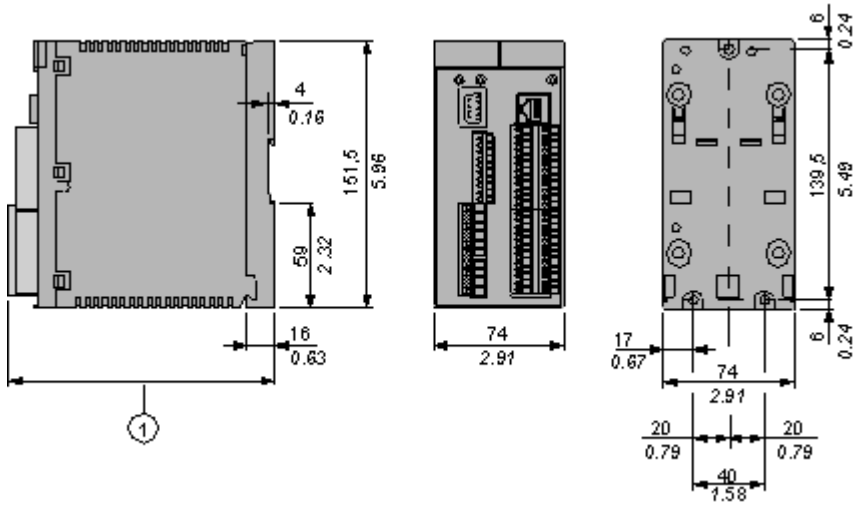
Produktets livssyklus [Informasjon om levetidsslutt](#)

Tilbaketakning No

WEEE Label  Innen EU må produktet avhendes i henhold til bestemte regler for avfallshåndtering og aldri kastes som husholdningsavfall.

Dimensions Drawings

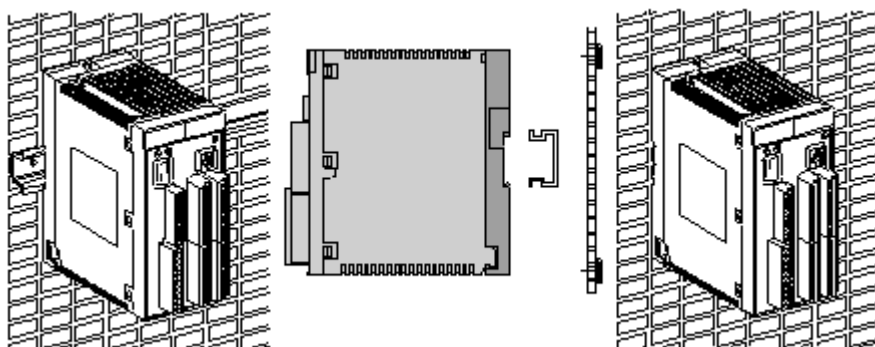
Dimensions



- 1 When using XPSMCTS• connectors this dimension is 153 mm (6.02 in)
When using XPSMCTC• connectors this dimension is 151,5 mm (5.96 in)

Mounting and Clearance

Installation



Metal adaptor for fixing on metal: DIN rail 35 mm/1.38 in.

Connections and Schema

Wiring Diagrams

Refer to the Instruction Sheet

To download the instruction sheet, follow below procedure:



XPSAC5121
module XPSAC - Emergency stop - 24 V AC DC

[Download XPSAC5121 product datasheet](#)

- Discover XPSAC5121 by
- Characteristics
 - Dimensions Drawings
 - Connections and Schema
 - Technical Description
 - **Download & Documents**

Download & Documents 1 to 3 of 3 (Total: -1)

Instruction sheet		
XPSAC... Safety module for emergency stop and switch monitoring	English 2012-07-04	pdf (29)
Image of product		
Emergency stop and switch monitoring	2010-11-10	{Select : }
Certificate		
Russian certificate	English 2010-07-07	pdf (60)

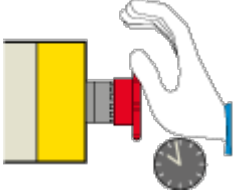
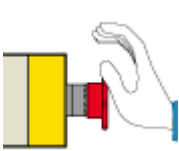
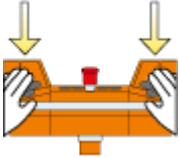
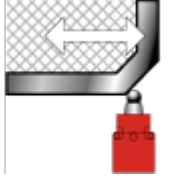

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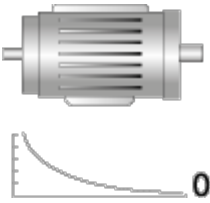
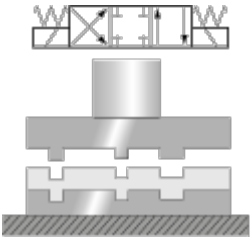
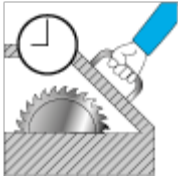
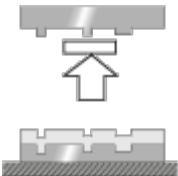
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- 1 Click on **Download & Documents**.
- 2 Click on **Instruction sheet**.

Technical Description

Safety Functions

	<ul style="list-style-type: none"> ● Emergency stop monitoring with time delay: <ul style="list-style-type: none"> ○ 1 channel wiring, with automatic start. ○ 2 channel wiring, with start button.
	<ul style="list-style-type: none"> ● Emergency stop monitoring without time delay: <ul style="list-style-type: none"> ○ 1 channel wiring, with automatic start. ○ 2 channel wiring, with start button.
	<ul style="list-style-type: none"> ● Two-hand control.
	<ul style="list-style-type: none"> ● Guard monitoring: <ul style="list-style-type: none"> ○ with 1 limit switch. ○ with 2 limit switches. ○ with 2 limit switches, with guard locking. ● Guard monitoring for injection presses and blowing machines.
	<ul style="list-style-type: none"> ● Magnetic switch monitoring.

 <p>A diagram showing a person's foot stepping on a black mat with white circular sensors.</p>	<ul style="list-style-type: none"> • Sensing mat monitoring.
 <p>A diagram showing a hand passing through a set of red horizontal light curtains between two vertical sensors.</p>	<ul style="list-style-type: none"> • Light curtains monitoring: <ul style="list-style-type: none"> ◦ Relay output type. ◦ Solid-state output type. • "Muting" function for light curtains.
 <p>A diagram showing an electric motor and a graph of speed vs. time. The graph shows a curve that decays to zero, with a '0' at the end of the x-axis.</p>	<ul style="list-style-type: none"> • Zero speed detection.
 <p>A diagram showing a cross-section of a hydraulic valve assembly with a piston and a press mechanism below it.</p>	<ul style="list-style-type: none"> • Dynamic monitoring of hydraulic valves on linear presses.
 <p>A diagram showing a hand operating a saw blade, with a clock icon indicating a time delay.</p>	<ul style="list-style-type: none"> • Safety time delays.
 <p>A diagram showing a cross-section of a press mechanism with an arrow pointing upwards, indicating the top dead centre position.</p>	<ul style="list-style-type: none"> • Monitoring safety stop at top dead centre on eccentric press. • Hydraulic press. • Eccentric press.

	<ul style="list-style-type: none">• Enabling switching monitoring:<ul style="list-style-type: none">◦ 2 contact type.◦ 3 contact type.
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Other functions:

- Foot switch monitoring
- Chain shaft breakage monitoring
- Position selector