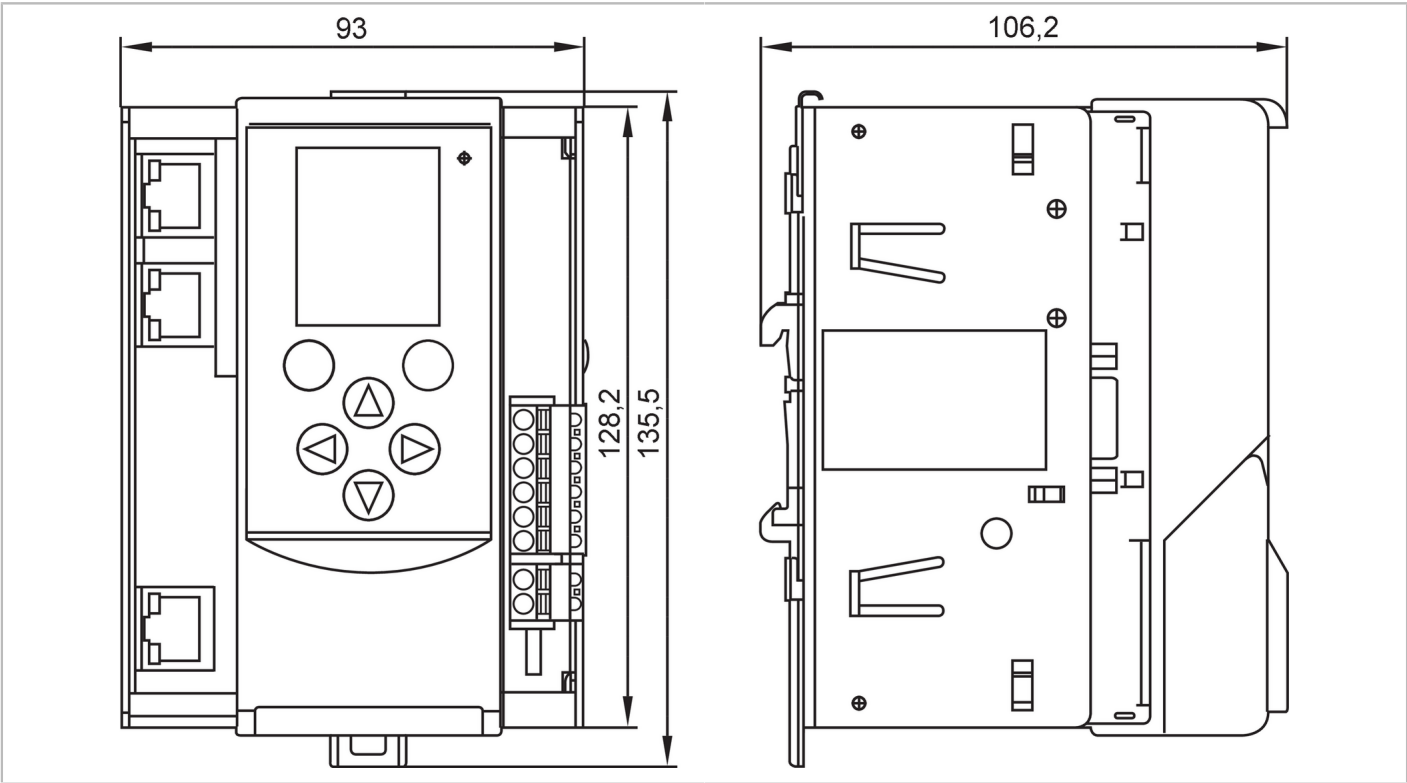


AC422S



AS-Interface EtherNet/IP gateway with fail-safe PLC

SmartPLC SafeLine 2ASi EIP



EtherNet/IP



Application

Design

housing for DIN rail mounting

Application

EtherNet/IP gateway with safe preprocessing

Electrical data

Operating voltage [V]

18...32 DC; (AUX)

Current consumption [mA]

< 750

Max. current consumption from AS-i [mA]

AS-i 1: 10 mA; AS-i 2: 10 mA

Number of AS-i masters

2

Electrical separation

yes

Inputs

Input circuit of digital inputs

PNP; (type 2 according to IEC 61131-2)

Sensor supply of the inputs

to SELV/PELV

Voltage supply [V]

24; (18...32 DC)

Input current High [mA]

7

Outputs

Circuit

PNP

Voltage range DC [V]

24; (18...32 DC ; to SELV/PELV)

Max. current load per output [mA]

500; (utilization category DC-13 (control of electromagnets))

Switching frequency AC [Hz]

< 25

Short-circuit proof

yes

Electrically separated

yes



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Interfaces	
Communication interface	Ethernet
Ethernet - EtherCAT	
Protocol	EtherCAT
Usage type	Programming
Ethernet - EtherNet/IP	
Transmission rate	100 MBaud
Protocol	EtherNet/IP
Usage type	Data transmission; Programming
Ethernet - FSoE	
Protocol	FSoE
Ethernet - Modbus TCP	
Transmission rate	10 MBaud; 100 MBaud
Type of connector	RJ45
Protocol	Modbus TCP
Usage type	Programming
Ethernet - TCP/IP	
Transmission rate	10 MBaud; 100 MBaud
Type of connector	RJ45
Protocol	TCP/IP
Usage type	Programming
Ethernet - UDP/IP	
Transmission rate	10 MBaud; 100 MBaud
Type of connector	RJ45
Protocol	UDP/IP
Usage type	Programming
Operating conditions	
Ambient temperature [°C]	0...45
Note on ambient temperature	cULus: ...50 °C
Storage temperature [°C]	-20...70
Protection	IP 20
Safety classification	
Complies with the requirements	ISO 13849-1: 2023 Category 4, PL e
	IEC 61508 SIL 3
Mission time TM [h]	175200
Mission time TM (additional indication)	20 years
PFH [1/h]	1,21E-08
PFD	1,04E-04
Max. internal inductance [μH]	400
AS-i classification	
AS-i version	3.0
AS-i master profile	M4



AS-Interface EtherNet/IP gateway with fail-safe PLC

SmartPLC SafeLine 2ASi EIP

AS-i certificate	125301
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Mechanical data

Weight	[g]	851.4
Housing		rectangular
Type of mounting		Mounting on DIN rail; (TH35 (EN 60715))
Dimensions	[mm]	135.5 x 93 x 106.2
Material		aluminum powder-coated; steel sheet galvanized; PC

Displays / operating elements

Display	Function	1 x LED, red/green
		full graphic LCD display

Accessories

Items supplied	terminals
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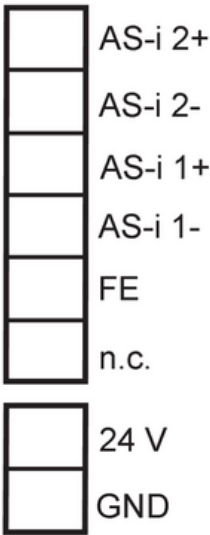
Remarks

Pack quantity	1 pcs.
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Electrical connection - 1

Connection

X1, X2 Power supply





AS-Interface EtherNet/IP gateway with fail-safe PLC

SmartPLC SafeLine 2ASi EIP

Electrical connection - 2

Connection

X1, X2 Power supply

