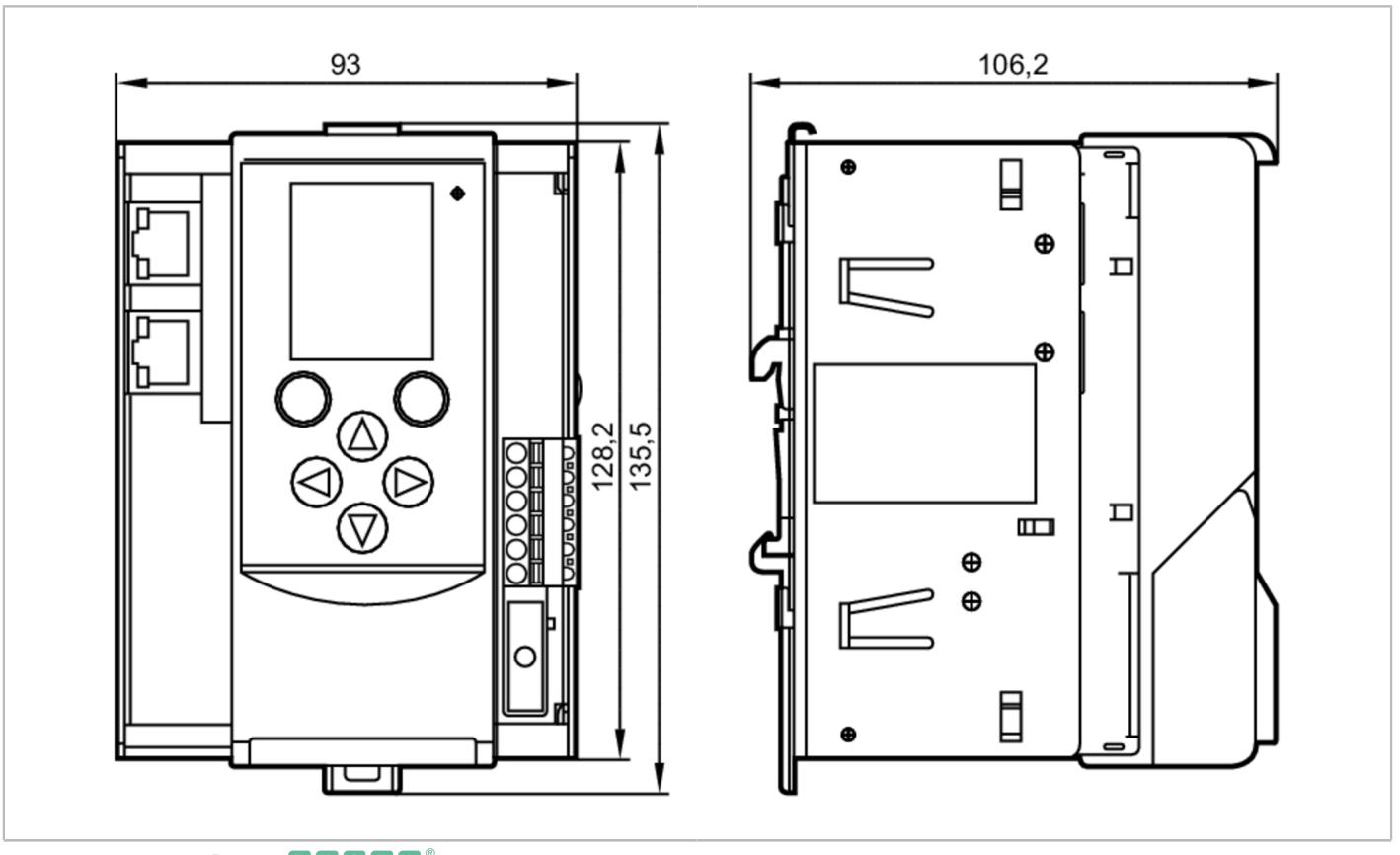
AC1401

AS-Interface PROFINET gateway

AS-i Gateway 1Master PN



Application		
Application		PROFINET gateway
Electrical data		
Operating voltage	[V]	18...32 DC; (AUX; AS-i: 21...31,6 V DC)
Current consumption	[mA]	< 500; (AUX / AS-i 1)
Max. current consumption from AS-i	[mA]	500; (with external supply: 10 mA)
Number of AS-i masters		1
Electrical separation		yes
Outputs		
Voltage range DC	[V]	to PELV
Interfaces		
Communication interface		Ethernet
Ethernet - Modbus TCP		
Transmission rate		10 MBaud; 100 MBaud
Connector type		RJ45
Protocol		Modbus TCP
Usage type		programming
Ethernet - PROFINET		
Transmission rate		100 MBaud
Connector type		RJ45

AC1401

AS-Interface PROFINET gateway

AS-i Gateway 1Master PN

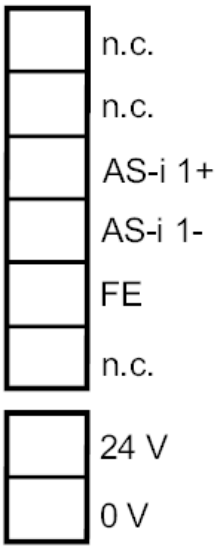
Protocol			PROFINET
Usage type			data transmission
Note on interfaces			Device Class B
Ethernet - TCP/IP			
Transmission rate			10 MBaud; 100 MBaud
Connector type			RJ45
Protocol			TCP/IP
Usage type			programming
Ethernet - UDP/IP			
Transmission rate			10 MBaud; 100 MBaud
Connector type			RJ45
Protocol			UDP/IP
Usage type			programming
Operating conditions			
Ambient temperature	[°C]		0...60
Storage temperature	[°C]		-20...70
Protection			IP 20
Tests / approvals			
MTTF	[years]		46
AS-i classification			
AS-i version			3.0
AS-i master profile			M4
AS-i certificate			97301
Mechanical data			
Weight	[g]		711
Housing			housing for DIN rail mounting
Materials			aluminium powder-coated; steel sheet galvanised; PC
Displays / operating elements			
Display		function	1 x LED, red/green
			full graphic LCD display
Accessories			
Items supplied			terminals
Accessories (optional)			licence: "CODESYS V3", E71400
Remarks			
Pack quantity			1 pcs.

AC1401

AS-Interface PROFINET gateway

AS-i Gateway 1Master PN

Electrical connection

terminals: ...2.5 mm²

Connection