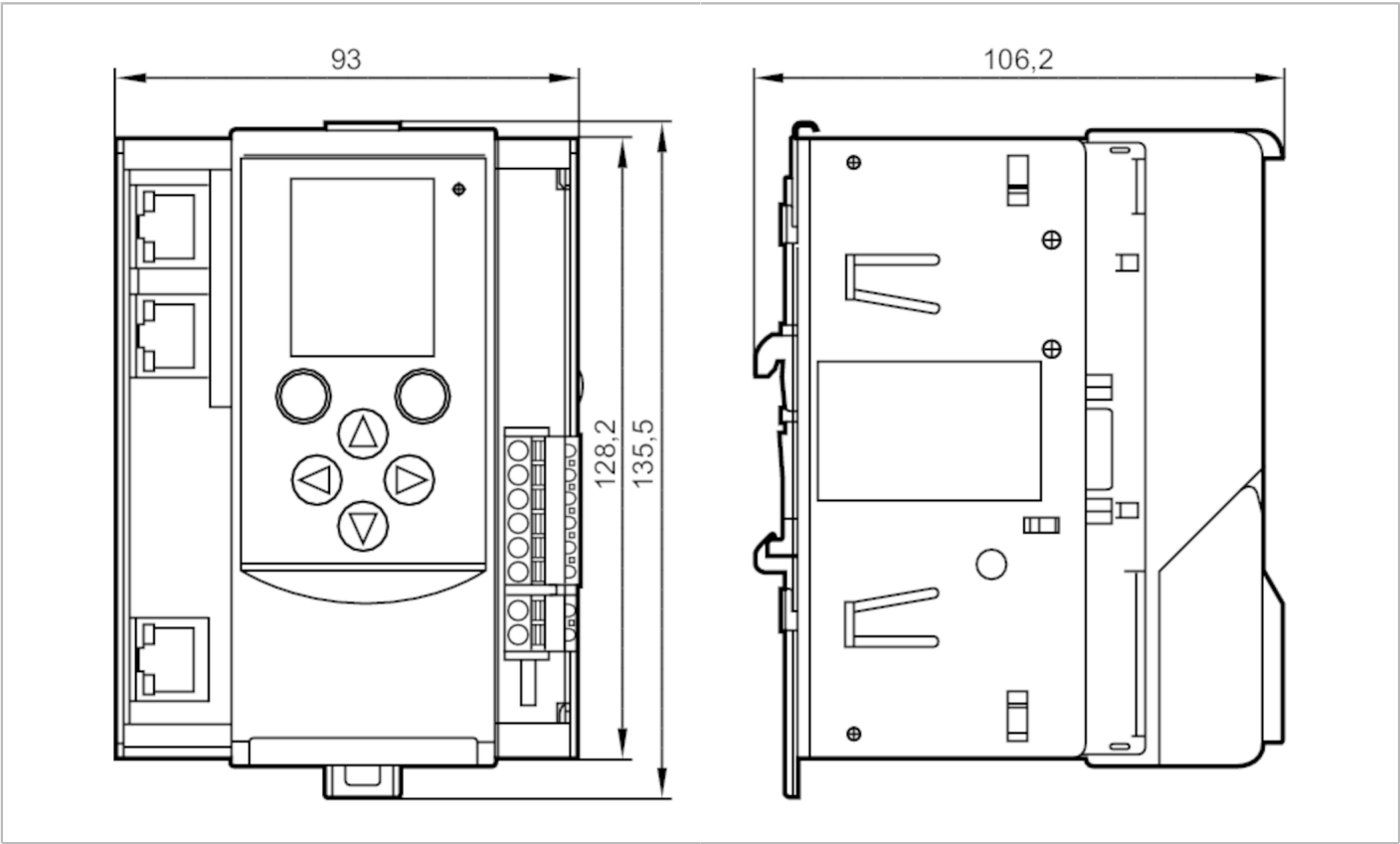


AC1434



AS-Interface EtherCAT gateway with PLC

SmartPLC DataLine 2ASi ECAT



Application	
Application	standard PLC and/or AS-i/EtherCAT 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; AS-i 2: 10 mA)
Number of AS-i masters	2
Electrical separation	yes
Outputs	
Voltage range DC [V]	to PELV
Interfaces	
Communication interface	Ethernet; OPC-UA
Ethernet - EtherCAT	
Protocol	EtherCAT
Usage type	data transmission; programming
Ethernet - EtherNet/IP	
Transmission rate	100 MBaud
Protocol	EtherNet/IP
Usage type	programming



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Ethernet - Modbus TCP		
Transmission rate	10 MBaud; 100 MBaud	
Connector type	RJ45	
Protocol	Modbus TCP	
Usage type	programming	
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]	37
AS-i classification		
AS-i version	3.0	
AS-i master profile	M4	
AS-i certificate	97304	
Mechanical data		
Weight	[g]	731.5
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	
Remarks		
Pack quantity	1 pcs.	

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Electrical connection

terminals: ...2.5 mm²

Connection

	AS-i 2+
	AS-i 2-
	AS-i 1+
	AS-i 1-
	FE
	n.c.
	24 V
	0 V