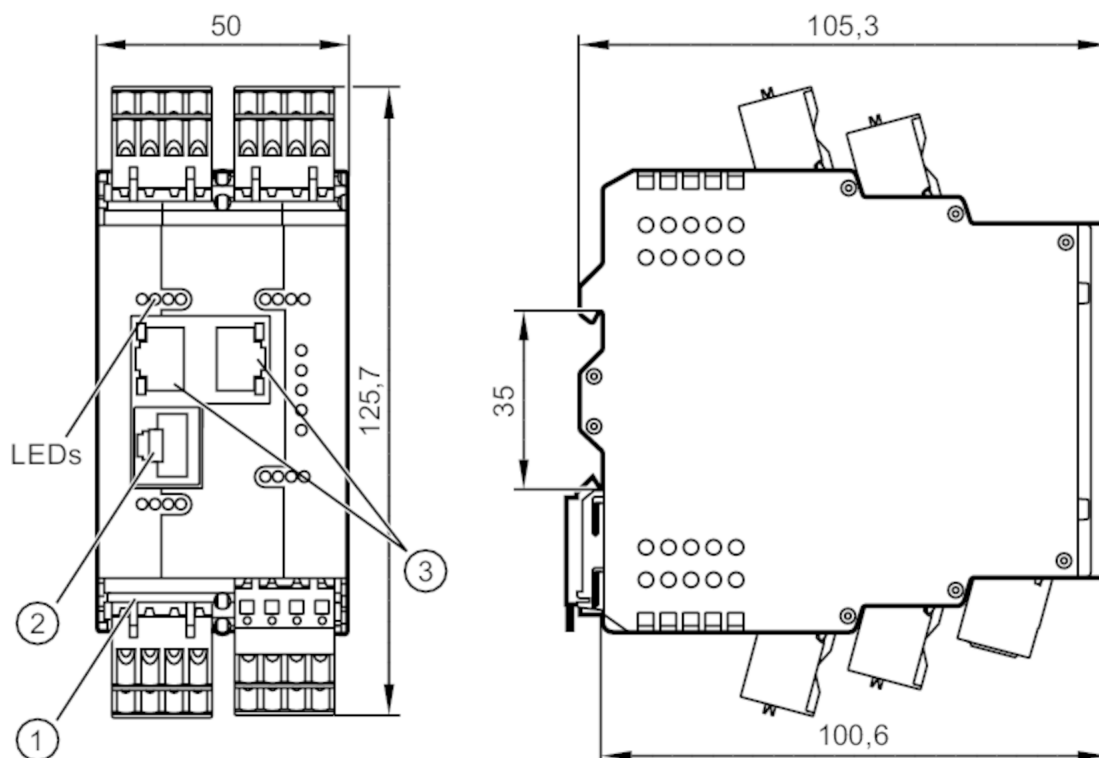


IO-Link master with EtherNet/IP interface

IO-Link Master CL EIP 8P IP20



- 1 COMBICON connector
- 2 IoT-Port
- 3 Ethernet interface



Application

Application I/O modules for use in the control cabinet

Electrical data

Operating voltage [V]	20...30 DC; (US; to SELV/PELV)
Current consumption [mA]	300...3900; (US)
Protection class	III

sensor supply US

Max. current load total [A]	3.6
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Inputs / outputs

Total number of inputs and outputs	16; (configurable)
Number of inputs and outputs	Number of digital inputs: 8; Number of digital outputs: 8

Inputs

Number of digital inputs	8; (IO-Link Port Class A)
Switching level high [V]	11...30
Switching level low [V]	0...5
Digital inputs protected against short circuits	yes



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Outputs		
Number of digital outputs	8; (IO-Link Port Class A)	
Max. current load per output [mA]	200	
Short-circuit proof	yes	
Interfaces		
Communication interface	Ethernet; IO-Link	
Addition	Supported network topologies; line; ring; DLR	
Ethernet - EtherNet/IP		
Transmission standard	10Base-T; 100Base-TX	
Transmission rate	10; 100	
Protocol	EtherNet/IP	
Factory settings	IP address: 192.168.1.250	
	subnet mask: 255.255.255.255	
	gateway IP address: 0.0.0.0	
	MAC address: see type label	
Ethernet - Internet of Things		
Transmission standard	10Base-T; 100Base-TX	
Transmission rate	10; 100	
Protocol	TCP/IP JSON	
Factory settings	IP address: 169.254.x.x	
	subnet mask: 255.255.0.0	
	gateway IP address: 0.0.0.0	
	MAC address: see type label	
IO-Link Master		
Transmission type	COM 1 / COM 2 / COM 3	
IO-Link revision	1.1	
Number of ports class A	8	
Operating conditions		
Ambient temperature [°C]	-25...65	
Storage temperature [°C]	-25...85	
Max. relative air humidity [%]	90	
Protection	IP 20	
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-4	
MTTF [years]	90	
Mechanical data		
Weight [g]	329	
Materials	housing: PA	
Accessories		
Accessories (supplied)	COMBICON connectors: 9	
Remarks		
Remarks	For further information please see the operating instructions.	
Pack quantity	1 pcs.	



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Electrical connection

voltage supply X31

1	GND (US)
2	GND (US)
3	+ 24 V DC (US)
4	+ 24 V DC (US)

IO-Link Port Class A X01...X08

1	Sensorversorgung (US) L+
2	digital input
3	Sensorversorgung (US) L-
4	C/Q IO-Link

Electrical connection - Ethernet

EtherNet/IP X21, X22

1	TX +
2	TX -
3	RX +
4	not used
5	not used
6	RX -
7	not used
8	not used

IoT X32

1	TX +
2	TX -
3	RX x
4	not used
5	not used
6	RX -
7	not used
8	not used

Connector: RJ45

