

HD67879-A1-XX Gateway IO-Link Master / EtherCAT Server



- Bidirectional Communication Between EtherCAT and IO-Link
- Wide temperature range from -40 °C to +85 °C
- Transfer of project configuration via Ethernet

<https://www.wachendorff-prozesstechnik.de/en/hd67879-a1-xx>

Description

The HD67879-A1-XX is an IO-Link master (Client)/EtherCAT Server Gateway. It allows you to connect several IO-Link slaves (such as sensors or actuators) to an EtherCAT Client (Master), enabling the exchange of information between the two networks. This Gateway is very easy to configure and allows you to connect an IO-Link system to the EtherCAT network. Further information about this Gateway is available upon request. Please contact the representatives listed below.

Product details

Interfaces:	HD67879-A1-2A: 1x Ethernet port (RJ45 jack) 1x EtherCAT IN (RJ45 jack) 1x EtherCAT OUT (RJ45 jack) 2x IO-Link Port A (removable screw terminal, 4-pin) HD67879-A1-4A: 1x Ethernet port (RJ45 jack) 1x EtherCAT IN (RJ45 jack) 1x EtherCAT OUT (RJ45 jack) 4x IO-Link Port A (removable screw terminal, 4-pin) HD67879-A1-2B: 1x Ethernet port (RJ45 jack) 1x EtherCAT IN (RJ45 jack) 1x EtherCAT OUT (RJ45 jack) 2x IO-Link Port B (removable screw terminal, 5-pin) HD67879-A1-2A-2B: 1x Ethernet port (RJ45 jack) 1x EtherCAT IN (RJ45 jack) 1x EtherCAT OUT (RJ45 jack) 2x IO-Link Port A (removable screw terminal, 4-pin) 2x IO-Link Port B (removable screw terminal, 5-pin)
IO-Link Port A:	The IO-Link Port A (IO-Link Class A) is a removable 4-pin screw terminal to which sensors and actuators with low input power can be connected. The maximum input power is 200 mA.
IO-Link Port B:	The IO-Link Port B (IO-Link Class B) is a removable 5-pin screw terminal to which actuators can be connected. This IO-Link Port B requires a separate auxiliary power supply.

EtherCAT Data Rate	The maximum data rate depends on the connected Master.
IO-Link data rate:	4,800 bps - 38,400 bps - 230,400 bps
IO-Link Process Data:	Read 32 bytes and write 32 bytes per IO-Link channel
LED:	6x indicator lights for power and communication
Power supply:	18 VDC to 30 VDC
Aux power supply:	The auxiliary power supply is the additional power source for the I/O-Link Ports B (I/O-Link Class B) and is 24 VDC. The required current depends on the input power required by the connected I/O-Link devices that are connected to the I/O-Link ports B.
Power consumption:	HD67879-A1-XX: 4 watts/VA (Excluding the power consumption of the connected IO-Link devices)
Software:	Free configuration software SW67876 for device parameterization.
Operating temperature:	-40 °C to +85 °C
Humidity:	10% to 80%, non-condensing
Housing:	Previous housing: PVC- New housing: PC-ABS
Dimensions (WxHxD):	Previous housing: 23 mm x 107 mm x 120 mm New housing: 22.5 mm x 90.7 mm x 123 mm
Weight:	about 200 g
Mounting:	Mounting on a DIN rail
Customs Tariff Number:	8517 62 00
Manufacturer:	ADFweb.com S.r.l.

Products Order no.

HD67879-A1-2A	Gateway IO-Link / EtherCAT server 2x IO-Link port A
HD67879-A1-4A	Gateway IO-Link Master / EtherCAT server 4x IO-Link port A
HD67879-A1-2B	Gateway IO-Link Master / EtherCAT server 2x IO-Link port B

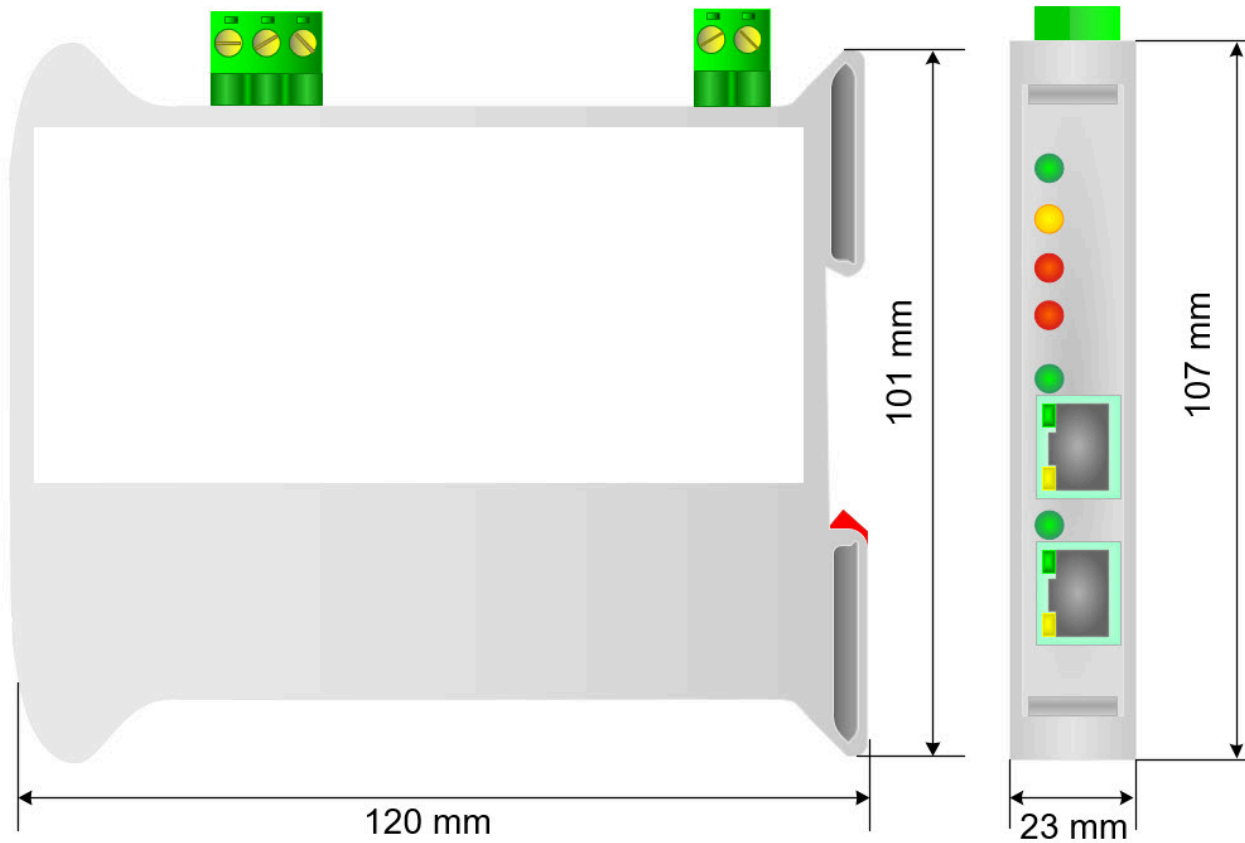
HD67879-A1-2A-2B	Gateway IO-Link Master / EtherCAT server 2x IO-Link port A and 2x IO-Link port B
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Accessories Order no.

DRS3-24	Power supply unit for DIN rail, 85 to 264 VAC, 24 VDC 3 A, spring terminal
KABETH10	Patch cable, RJ45 UTP CCA, CAT5e white, 0.3 m
KABETH11	Patch cable, RJ45 UTP CCA, CAT5e white, 1 m
KABETH12	Patch cable, RJ45 UTP CCA, CAT5e white, 2 m

Drawings

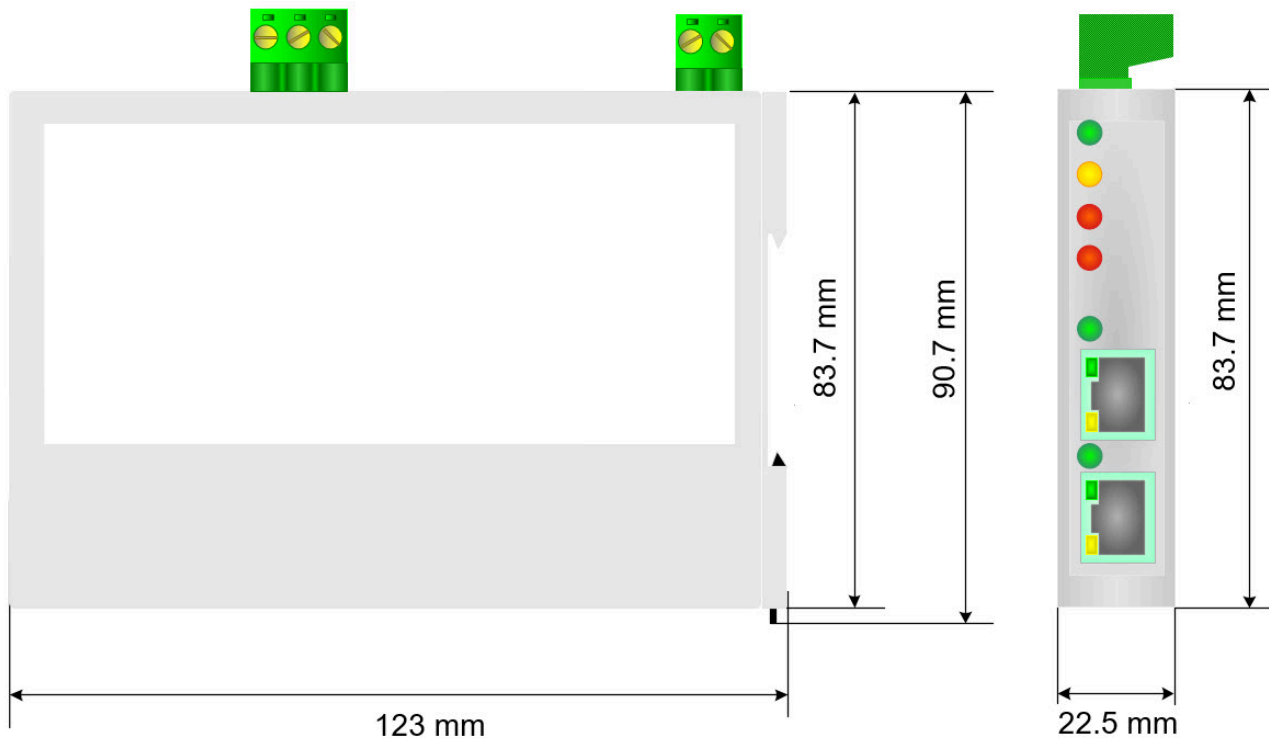
Dimensions (previous housing)



Gehäuse: PVC
Gewicht: ca. 200g

Drawings

Dimensions (new housing)



Gehäuse: PC-ABS
Gewicht: ca. 200g



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