



Ethernet Switch HARTING eCon 9000

8-port Ethernet switch, unmanaged, for installation in a 19" rack

General Description

The Fast Ethernet switches of the product family HARTING eCon 9000 are recommended for use in the widest range of industrial applications and support both Ethernet (10 Mbit/s) and Fast Ethernet (100 Mbit/s). The product family enables the connection of up to 7 network devices over shielded Twisted Pair cables. An additional end-device can be connected via the DIN male connector.

The eCon 9000 Ethernet switch family, with its integrated LEDs on each port, supports fast and easy network diagnosis. The eCon Ethernet switch operates as an unmanaged switch in Store and Forward Switching mode and supports Auto-crossing, Auto-negotiation and Auto-polarity.

Features

- Ethernet switch acc. to IEEE 802.3
- Store and Forward Switching Mode, non-blocking
- Auto-crossing, Auto-negotiation, Auto-polarity
- Ethernet (10 Mbit/s) and Fast Ethernet (100 Mbit/s)
- Diagnostic LEDs (Link status, Data, Power)
- Pluggable in 19" racks

Advantages

- Robust metal housing
- EMC, temperature range and mechanical stability meet the highest demands
- PROFINET compatible

Application fields

- Industrial automation
- Automotive industry
- Wind power
- Power distribution systems
- Railway applications

Technical characteristics

Ethernet interface

Number of ports	8x 10/100Base-TX
Cable types according to IEEE 802.3	Shielded Twisted Pair (STP) or Unshielded Twisted Pair (UTP), Category 5
Data rate	10 Mbit/s or 100 Mbit/s (RJ45)
Maximum cable length	100 m (Twisted Pair; with Category 5 cable acc. to DIN EN 50 173-1)
Terminating method, front side	M12, D-coding
Diagnostics (via LED)	<ul style="list-style-type: none"> • Status Link – Green • Data transfer (Act) – Green flashing • Data transfer rate (Speed) – 100 Mbit/s: Yellow / 10 Mbit/s: OFF
Topology	Line, Star or mixed

Power supply

Input voltage	24 V DC
Terminating method	DIN frame connector, Type F
Diagnostics (via LED)	Power supply

Design features

Housing material	Aluminium, anodised
Dimensions (W x H x D)	50.5 mm (10 HP) x 128.4 mm (3 U) x 173.5 mm
Degree of protection acc. to DIN 60 529	IP 30
Mounting	19" rack, 3 U
Weight	approx. 0.6 kg

Environmental conditions

Operating temperature	– 20 °C to + 75 °C
Storage temperature	– 40 °C to + 85 °C
Relative humidity	30 % to 95 % (non-condensing)