Industrial Ethernet-Switch unmanaged, 10/100 Mbit

16-port, unmanaged, 10/100Mbps

- Store-and-Forward architecture
- 10/100Base-T/TX, Full-/Half-Duplex (Autonegotiation)
- HP Auto MDI/MDI-X & IEEE 802.3u Auto crossover support
- CoS according to IEEE 802.1Q
- Qos-Priority-Queues: 8
- LLDP & PTCP Delay-Traffic blocking (for PROFINET networks)
- PROFINET Conformance Class A
- 2x 16K MAC address lookup table
- 2x 256 KByte memory for frame buffering
- IEEE 802.3x Full duplex flow control
- Up to 51 Gbps high-performance memory bandwidth
- support frame sizes up to 10KByte

The Helmholz unmanaged Ethernet switches are suitable for a variety of industrial applications because of their very compact design. The lightweight and tough industrial design is suitable for mounting on a DIN rail and can be easily integrated into your network. Once plugged in, it's ready for use thanks to the simple Plug & Play solution. The tool-free push-in connection for the power supply supports you.

The unmanaged Ethernet switch is suitable for PROFINET networks. The LLPD (neighborhood detection) and PTCP (time synchronization) functions are handled correctly with the switch in accordance with the PROFINET standard. The unmanaged Ethernet switch thus complies with PROFINET Conformance Class A.

With this variant of the unmanaged Ethernet-Switch, you can connect up to 16 Ethernet participants with 10 or 100 Mbps.

Technical specifications

General information	
Order number	700-840-16S01
Article name	Ethernet-Switch 16-port, unmanaged, 10/100Mbps
Scope of delivery	Ethernet 16-port switch with power supply plug, short manual
Dimensions (DxWxH)	32.5 x 124 x 80.5 mm
Weight	Approx. 270g
LAN interface	
Number	16
Type	10/100Base-T/TX, Full-/Half-Duplex (Autonegotiation) Auto MDI/MDI-X; IEEE Autocrossover PROFINET Conformance Class A
Connection	RJ45
Transmission rate	10/100 Mbps
Status indicator	1 LEDs power display, 32 LEDs Ethernet status
Voltage supply	24 V DC (18...30 V DC)
Current draw	Max. 150 mA with 24 V DC
Power dissipation	3,7 W
Ambient conditions	

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Änderungen und Irrtümer vorbehalten. 04-2021

Ambient temperature	-25 °C … +75 °C
Transport and storage temperature	-40 °C … +85 °C
Relative air humidity	95 % r H without condensation
Pollution degree	2
Protection rating	IP20
Certifications	CE, UL
CE	
RoHS	Yes
REACH	Yes
UL	
UL	UL 61010-1/ UL 61010-2-201
Voltage supply	DC 24 V (18 … 30 VDC, SELV and limited energy circuit)
Pollution degree	2
Altitude	Up to 2000 m
Temperature cable rating	87 °C