700-840-16S01



Ethernet-Switch unmanged
16x RJ45 10 / 100 Mbit

- Store-and-Forward architecture
- 10Base-T/100Base-TX
- Full-/Half-Duplex
- Autonegotiation
- Auto MDI/MDI-X (IEEE 802.3u Auto crossover support)
- LLDP & PTCP Delay-Traffic blocking (for PROFINET networks)
- PROFINET Conformance Class A
- QoS-Priority-Queues: 2 per port
- 1K MAC address lookup table
- 448K bit packet buffering
- max forwarding packet length 1552 bytes

Info

With its very compact design the unmanaged Ethernet-Switch can be used for a wide range of industrial applications and convinces with its light but robust design. 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 data

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
Connection	RJ45
Transmission rate	10/100 Mbps
Type	10/100Base-T/TX, Full-/Half-Duplex (Autonegotiation)
Status indicator	
Power display	1 LED
Ethernet-Status	32 LEDs
Power supply	
Voltage supply	24 V DC (18...30 V DC)
Current draw	max. 200 mA at 24 V DC
Power dissipation	4,9 W
Ambient conditions	
Ambient temperature	-25 °C ... +70 °C
Transport and storage temperature	-40 °C ... +85 °C
Relative air humidity	95 % r H without condensation
Protection rating	IP20
Mounting position	as desired
Approvals	CE, UL
UL	
UL	61010-1/ 61010-2-201
Pollution degree	2
Voltage supply	DC 24 V (18 ... 30 VDC, SELV and limited energy circuit)
Altitude	Up to 2000 m
Temperature cable rating	87 °C