



## Industrial Ethernet-Switch unmanaged, 10/100 Mbit

8-port, unmanaged, 10/100 Mbit

- 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 & PTCIP Delay-Traffic blocking (for PROFINET networks)
- 16K MAC address lookup table
- 256 KByte memory for frame buffering
- IEEE 802.3x Full duplex flow control
- 51.2 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.

With this variant of the unmanaged Ethernet-Switch, you can connect up to 8 Ethernet participants with 10 or 100 Mbps. If you would like to connect more participants, we recommend our 16-port unmanaged Ethernet Switch.

### Technical specifications

<b>General information</b>	
Order number	700-840-8ES01
Article name	Ethernet-Switch 8-port, unmanaged, 10/100Mbps
Scope of delivery	Ethernet 8-port switch with power supply plug, short manual
Dimensions (DxWxH)	32 x 65 x 76 mm
Weight	Approx. 150g
<b>LAN interface</b>	
Number	8
Type	10/100Base-T/TX, Full-/Half-Duplex (Autonegotiation) Auto MDI/MDI-X; IEEE Autocrossover
Connection	RJ45
Transmission rate	10/100 Mbps
<b>Status indicator</b>	1 LEDs power display, 16 LEDs Ethernet status
<b>Voltage supply</b>	24 V DC (18...30 V DC)
<b>Current draw</b>	Max. 100 mA with 24 V DC
<b>Power dissipation</b>	2,4 W
<b>Ambient conditions</b>	
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
<b>CE</b>	
RoHS	Yes
REACH	Yes
<b>UL</b>	
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