



## 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)
- 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.

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

### Technical specifications

|                                   |  |
|-----------------------------------|--|
| <b>General information</b>        |  |
| 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 x 123 x 76 mm   |
| Weight                            | Approx. 270g   |
| <b>LAN interface</b>              |  |
| Number                            | 16   |
| Type                              | 10/100Base-T/TX, Full-/Half-Duplex (Autonegotiation)<br>Auto MDI/MDI-X; IEEE Autocrossover |
| Connection                        | RJ45   |
| Transmission rate                 | 10/100 Mbps  |
| <b>Status indicator</b>           | 1 LEDs power display,<br>32 LEDs Ethernet status   |
| <b>Voltage supply</b>             | 24 V DC (18...30 V DC)   |
| <b>Current draw</b>               | Max. 150 mA with 24 V DC   |
| <b>Power dissipation</b>          | 3,7 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  |