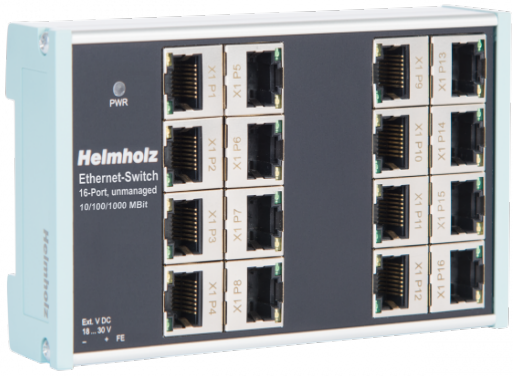

Features

- Store-and-Forward architecture
- 10BASE-T/100BASE-TX/1000BASE-T
- Full-/Half-Duplex
- Auto negotiation
- Auto MDI/MDI-X (IEEE 802.3u Auto crossover support)
- 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
- up to 51 Gbps high-performance memory bandwidth
- supports Jumbo frame sizes up to 10KByte

FLEXtra FLAT Ethernet-Switch, unmanaged 16x RJ45 1 Gbit

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 new Helmholz unmanaged Ethernet switches for up to 1000 Mbit (Gigabit) can be used 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 corresponds to PROFINET Conformance Class A.

With this variant of the unmanaged Ethernet-Switch, you can connect up to 16 Ethernet participants with up to 1000 Mbps. A mixed operation with devices that support only 10 or 100 Mbit is possible without configuration effort. If you would like to connect less participants, we recommend our available 5/8-port unmanaged Ethernet Switches.

General information

Order number	700-841-16S01
Article name	FLEXtra FLAT Ethernet-Switch, unmanaged, 16-port, 1 Gbit

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. 280g

LAN interface

Number	16
Connection	RJ45
Transmission rate	10/100/1000 Mbps
Type	10Base-T/100Base-TX/1000Base-T
	Full/Half-Duplex
	Auto negotiation
	Auto MDI/MDI-X
	PROFINET Conformance Class A

Status indicator

Power display	1 LED
Ethernet status	32 LEDs

Power supply

Voltage supply	24 V DC (18...30 V DC)
Current draw	max. 350 mA with 24 V DC
Power dissipation	8,4 W

Ambient conditions

Ambient temperature	-25 °C ... +60 °C
Transport and storage temperature	-40 °C … +85 °C
Relative air humidity	95 % r H without condensation
Protection rating	IP20
Mounting position	as desired
Certifications	CE, UL

UL

UL	UL 61010-1/ UL 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

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Änderungen und Irrtümer vorbehalten