

## Ethernet Switch 5-port, unmanaged, 10/100 Mbps (ETHERLINE® ACCESS UF05T)



### Application area

The LAPP Ethernet Switch 5-port unmanaged is suitable for installation on a DIN rail and connects up to 5 Ethernet participants with 10 or 100 Mbps.

### Connections

The Ethernet Switch 5-port has 5 RJ45 connections. The Ethernet Switch 5-port must be supplied with 24 V DC at the 18 - 30 wide range input via the provided connector plug. The terminal (FG) is for the functional ground. Connect this correctly with the reference potential.

### Features

- Store-and-Forward architecture
- 10Base-T/100Base-TX
- Full-/Half-Duplex
- Auto negotiation
- Auto MDI/MDI-X (IEEE 802.3u Auto crossover support)
- QoS-Priority Queues: 4
- 1K MAC address lookup table
- 64 Kbyte memory for frame buffering
- 1.4 Gbps high-performance memory bandwidth
- support Jumbo frame sizes up to 10KByte

### LEDs

**PWR Led**                      On = Power supply present  
   Off = No voltage or the device is defective

### RJ45 LEDs

Orange (Link/Activity):      On = Connected      Blinks = Data transmission  
Green (Speed):                On = 100 Mbps        Off = 10 Mbps

## Technical data

<b>Order no.</b>	ETHERLINE® ACCESS UF05T
<b>Name</b>	Ethernet Switch 5-Port, unmanaged, 10/100 Mbps for DIN rail
<b>General information</b>	
- Scope of delivery	Ethernet 5-port switch with power supply plug, short manual
- Dimensions (DxWxH)	32 x 49 x 76 mm
- Weight	approx. 110g
<b>LAN interface</b>	
- Number	5
- Type	10/100Base-T/TX, Full/Half-Duplex, Auto negotiation, Auto MDI/MDI-X; IEEE Auto crossover
- Connection	RJ45
- Transmission rate	10/100 Mbps
<b>Status indicator</b>	1 LEDs power display, 10 LEDs Ethernet status
<b>Voltage supply</b>	24 V DC (18...30 V DC)
<b>Current draw</b>	max. 60 mA with 24 V DC
<b>Power loss</b>	1,5 W
<b>Environment requirements</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
<b>UL</b>	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

### Note:

The contents of this document have been checked by us for matching with the hardware and software described. However, we assume no liability for any existing differences, as these cannot be fully ruled out.

The information in this document is, however, updated on a regular basis. When using your purchased products, please make sure to use the latest version of the document, which can be viewed and downloaded in the Internet at

<https://www.lappkabel.com/activenetworkcomponents>.

Version: 1 - 2019-11-18 for HW 1