

21700138	<b>DATA SHEET</b>	
Valid from: 02.12.2024	<b>ETHERLINE ACCESS U04TP01T</b>	

## Description

- Fast Ethernet PoE (Power over Ethernet) Network-Switch (10/100BaseT(X)), unmanaged
- Ports: 5x RJ45 (of which 4x RJ45 PoE-capable acc. IEEE802.3at/af)
- Switch usable as end-span PSE with max. 30 W per port
- Suitable for harsh industrial environments (Protection class IP30)



## General characteristics

Interfaces & buttons

### 5x RJ45 Port:

1x 10/100BaseT(X) auto-negotiation, full-/ halfduplex-mode and Auto-MDI/MDI-X-connection  
 4x 10/100BaseT(X) auto-negotiation, full-/ halfduplex-mode and Auto-MDI/MDI-X-connection and PoE-enabled (according to IEEE802.3af/at max. 30 W per port)

### 2x DIP switch:

Activate/deactivate Broadcast Storm Protection  
 Activate/deactivate Jumbo Frames  
 MAC- table size: 8 K  
 packet-buffer size: 1 Mbit  
 packet forwarding rate: 0.744 Mpps  
 Jumbo Frame-Size: 10 KB (max.)  
 operating temp.: -40°C to +75°C (-40°F to 167°F)  
 Storage temperature: -40°C to +85°C (-40°F to 185°F)  
 5% to 95 % (non-condensing)  
 IEEE 802.3i (10BaseT)  
 IEEE 802.3u (100BaseTX)  
 IEEE 802.3af/at (PoE)  
 Store and Forward  
 2.638.081 Std @ Telcordia (Bellcore), GB

Switch properties

Temperature range

Relative humidity

Standards

Type of data transmission

MTBF (mean time between failures)

## Power requirements

Connection

Input voltage

Power Consumption (max.)

Input current (max.)

PD (Powered Device) Detection and classification

PoE overload current protection

Reverse polarity protection

Redundancy protection

1 removable 4- pole terminal block

24VDC (12-36VDC)

5.5 W (without PD)

60 W (at 12 V DC, max. 15 W per port)

120 W (at 24 V DC, max. 30 W per port)

0.5 A (without PD)

6 A (with PD)

support

support

support

support

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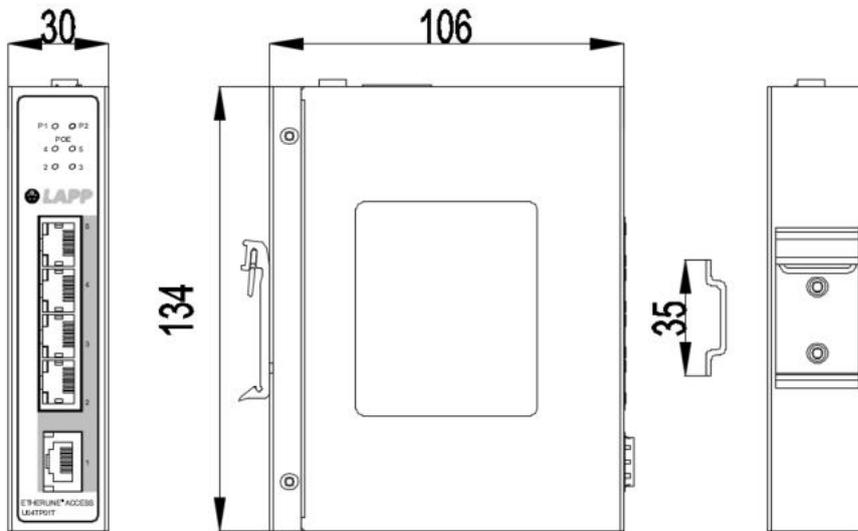
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**Physical properties**

Housing	metal
IP class	IP30
Weight	0.5 kg
Installation	DIN-rail mounting

**Technical drawing**

Dimensional drawing (U04TP01T)



**Standards and approvals**

Safety	UL61010
EMC	EN55032/CISPR22 Class A
EMI	FCC CFR47 Part 15
EMS	IEC 61000-4-2 ESD: contact: 6kV / air: 8kV
	IEC 61000-4-3 RS: 80Mhz to 2GHz: 10V/m
	IEC 61000-4-4 EFT/Burst: Power: 2kV / Signal: 1kV
	IEC 61000-4-5 Surge: Power: 1kV / Signal: 1kV
	IEC 61000-4-6 CS: 10V (150 kHz – 80 MHz)
Vibration	according IEC 60068-2-6
Shock	according IEC 60068-2-27
Free fall	according IEC 60068-2-31
Approvals	CE
	UL (E331560)
	FCC

**Application range**

Automation, industrial machinery and plant engineering

**Note**

Photographs are not to scale and do not represent detailed images of the respective products.

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