

21700120	<b>DATA SHEET</b>	
Valid from: 17.06.2020	<b>ETHERLINE ACCESS U16T</b>	

## Description

- Fast Ethernet Network-Switch (10/100BaseT(X)), unmanaged
- Ports: 16x RJ45
- Suitable for harsh industrial environment (Protection class IP30)



## General characteristics

Interfaces & buttons

**RJ45 Port:** 10/100BaseT(X) auto-negotiation, full-/halfduplex-mode and Auto-MDI/MDI-X-connection  
**DIP-switch:** Activate/deactivate the Broadcast Storm Protection

Switch properties

MAC- tablesize: 8 K

Temperature range

packet-buffersize: 2 Mbit

operating temp.: -10°C to +60°C (14°F to 140°F)

Relative humidity

storage temp.: -40°C to +85°C (-40°F to 185°F)

Standards

5% to 95 % (non-condensing)

IEEE 802.3i (10BaseT)

IEEE 802.3u (100BaseTX)

Processing type

Store and Forward

MTBF (mean time between failures)

1.889.468 Std @ Telcordia (Bellcore), GB

## Power requirements

Connection

1 removable 4- pole terminal block

Input voltage

24 V AC /V DC (18-30V AC, 50/60Hz; 12-48V DC)

Power Consumption (max.)

8 W

Input current (max.)

0.70 A

Overload current protection

support

Reverse polarity protection

support

Redundancy protection

support

## Physical properties

Housing

metal

IP class

IP30

Weight

0.7 kg

Installation

DIN-rail mounting

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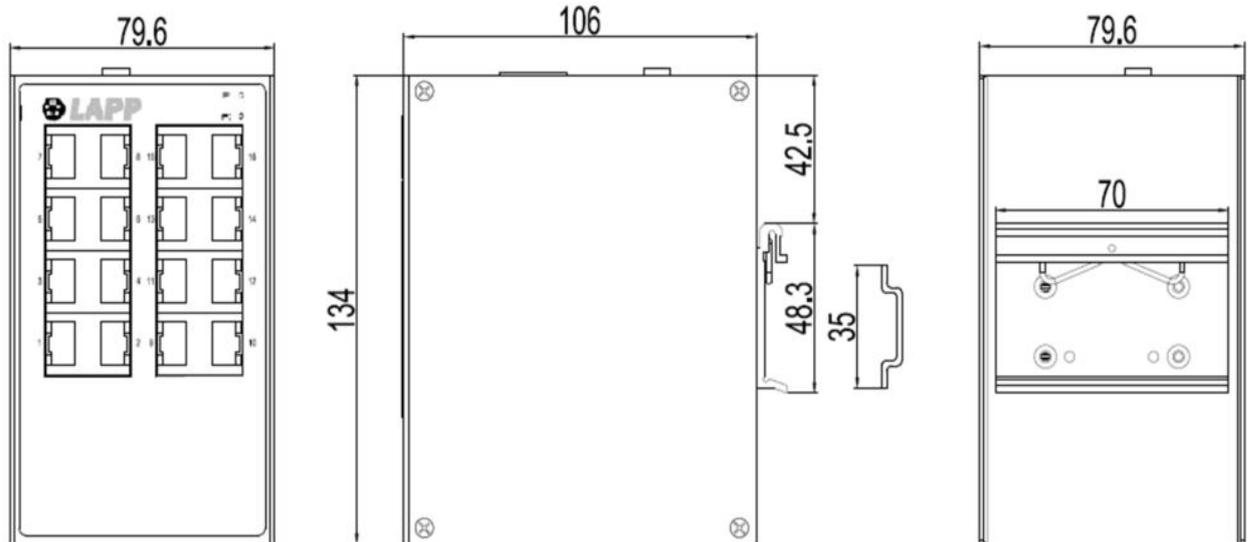
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## Technical drawing

Dimensional drawing



## Standards and approvals

Safety	UL61010
EMC	EN55022/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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