

21700138	DATA SHEET	
Valid from: 02.12.2024	ETHERLINE ACCESS U04TP01T	

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- tablesize: 8 K packet-buffersize: 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	1 removable 4- pole terminal block
Input voltage	24VDC (12-36VDC)
Power Consumption (max.)	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)
Input current (max.)	0.5 A (without PD) 6 A (with PD)
PD (Powered Device) Detection and classification	support
PoE overload current protection	support
Reverse polarity protection	support
Redundancy protection	support

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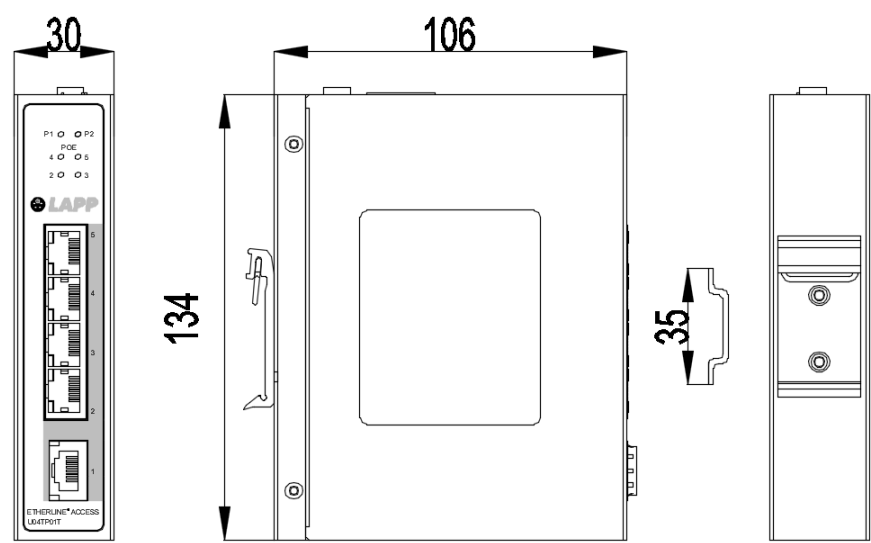
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Physical properties

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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