

21700153	DATA SHEET	
Valid from: 25.11.2025	ETHERLINE® ACCESS U04GTP01GT	

Description

- Fast Ethernet PoE (Power over Ethernet) Network-Switch (10/100/1000Base-TX), 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: 5x 10/100/1000Base-T(X) port 802.3af/at PoE Port, each PoE port provides max 30W feed power V+ for pin 1,2 and V- for pin 3,6 (End-Span PSE) Ethernet port support half duplex and full duplex
Switch properties	2x DIP switch: Switch 1: Activate/deactivate Broadcast Storm Protection Switch 2: Activate/deactivate Jumbo Frames transpond MAC- tablesize: 8 K packet-buffersize: 1 Mbit packet forwarding Rate: 7.44 Mpps Jumbo Frame-Size: 10 KByte
Temperature range	operating temp.: -40°C to +75°C (-40°F to 167°F) Storage temperature: -40°C to +85°C (-40°F to 185°F)
Relative humidity	5% to 95 % (non-condensing)
Standards	IEEE 802.3i IEEE 802.3u IEEE 802.3af IEEE 802.3at
Type of data transmission	Store and Forward
MTBF (mean time between failures)	2.638.080 h

Power requirements

Connection	1 removable 4- pole terminal block
Input voltage	24VDC (12-36VDC)

We reserve all rights according to DIN ISO 16016.
PD 0019/05_04.18EN

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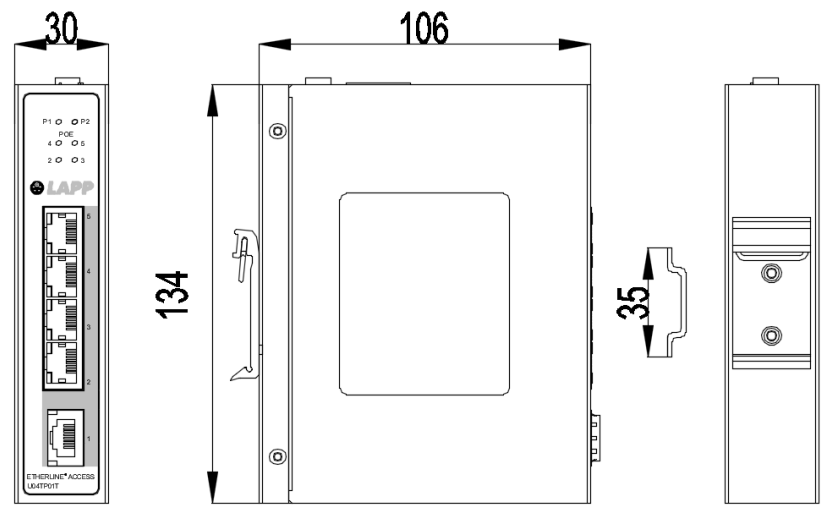
Power Consumption (max.)	<4.5W (Non PD) PoE output 60W@12CDC PoE output 120W@24VDC
PoE overload current protection	support
Reverse polarity protection	support
Redundancy protection	support

Physical properties

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

Technical drawing

Dimensional drawing (U04GTP01GT)



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Standards and approvals

Safety	UL61010
EMC	EN55032, EN 61000-6-4, EN 61000-6-2
EMI	FCC CFR47 Part 15, EN55032/CRISPR22, Class A
EMS	IEC 61000-4-2 ESD: contact: $\pm 6\text{kV}$ / air: $\pm 8\text{kV}$
	IEC 61000-4-3 RS: 80Mhz to 2GHz: 10V/m
	IEC 61000-4-4 EFT Power Port: $\pm 2\text{kV}$ / Data Port: $\pm 1\text{kV}$
	IEC 61000-4-5 Surge Power Port: $\pm 1\text{kV}$ / Signal Port: $\pm 1\text{kV}$
	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
	Rail Traffic EN50121

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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