

7433507952	DATA SHEET	
Valid from: 28.04.2026	ETHERLINE ACCESS U05GT-E-T	

Description

- Gigabit Ethernet Network-Switch (10/100/1000BaseT(X)), unmanaged
- Ports: 5x RJ45
- Suitable for harsh industrial environment (Protection class IP40)
- Mean Time Before Failure (MTBF) of 300,000 hours.
- Switch-Latenz <10 µs



General characteristics

Interfaces & buttons

RJ45 Port: 10/100/1000BaseT(X) auto-detection, full-/ halfduplex-mode and MDI/MDI-X adaptive

Switch properties

MAC- table size: 1 K
packet-buffer size: 728 Kb

Temperature range

operating temp.: -40°C to +75°C (-40°F to 167°F)

storage temp.: -40°C to +75°C (-40°F to 167°F)

Relative humidity

5% to 95 % (non-condensing)

Standards

IEEE 802.3i (10BaseT)

IEEE 802.3u (100BaseTX)

IEEE 802.3ab (1000BaseT)

Processing type

Store and Forward

MTBF (mean time between failures)

300,000 Hours acc. IEC 62506

Power requirements

Connection

1 removable 4- pole terminal block

Input voltage

12-36V DC

Power Consumption (max.)

1.1W

Input current (max.)

55 mA @ 24 VDC

Overload current protection

support

Reverse polarity protection

support

Redundancy protection

support

Physical properties

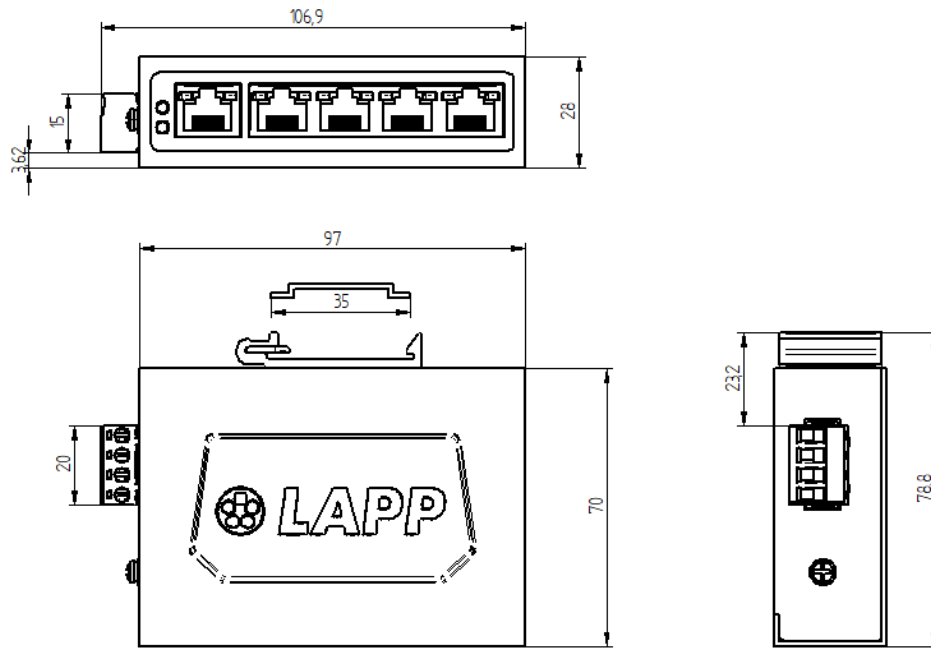
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Housing	Metal
IP class	IP40
Weight	0.21 kg
Installation	DIN-rail mounting

Technical drawing

Dimensional drawing



Standards and approvals

EMC	EN 55035:2017/A11:2020/CISPR 16-2
EMI	IEC 61000-6-3, IEC 61000-6-1, FCC CFR47 Part15B
EMS	IEC 61000-4-2 ESD: contact: 6kV / air: 8kV
	IEC 61000-4-3 RS: 80Mhz to 1GHz: 10V/m
	IEC 61000-4-4 EFT/Burst: Power: 2kV / Signal: 1kV

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Vibration
Shock
Free fall
Approvals

IEC 61000-4-5 Surge: Power: 2kV / Signal:
1kV
IEC 61000-4-6 CS: 10V (150 kHz – 80
MHz)
according IEC 60068-2-6
according IEC 60068-2-27
according IEC 60068-2-32
CE
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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