

21700129	DATA SHEET	
Valid from: 17.06.2020	ETHERLINE ACCESS U08GT	

Description

- Fast Ethernet Network-Switch (10/100/1000BaseT(X)), unmanaged
- Ports: 8x RJ45
- Suitable for harsh industrial environment (Protection class IP30)



General characteristics

Interfaces & buttons

RJ45 Port: 10/100/1000BaseT(X) auto-negotiation, full-/halfduplex-mode and Auto-MDI/MDI-X-connection

DIP-switch

Activate/deactivate Broadcast Storm Protection

Activate/deactivate Jumbo Frames

Switch properties

MAC- tablesize: 8 K

packet-buffersize: 4 Mbit

packet forwarding rate: 11.90 Mpps

Jumbo Frame Size: 9.6 KB (max.)

Temperature range

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

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

Relative humidity

5% to 95 % (non-condensing)

Standards

IEEE 802.3i (10BaseT)

IEEE 802.3u (100BaseTX)

IEEE 802.3ab (1000Base-T)

Processing type

Store and Forward

MTBF (mean time between failures)

2.486.867 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.)

10 W

Input current (max.)

0.85 A

Overload current protection

support

Reverse polarity protection

support

Redundancy protection

support

Physical properties

Housing

metal

IP class

IP30

Weight

0.5 kg

Installation

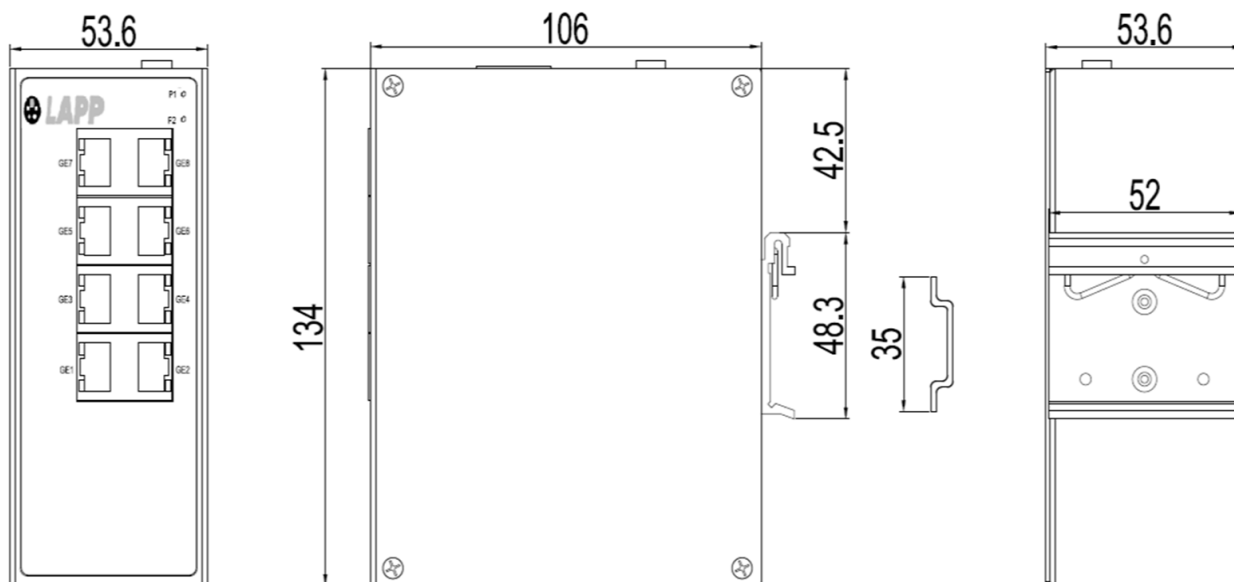
DIN-rail mounting

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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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