

21700123	DATA SHEET	
Valid from: 30.03.2020	ETHERLINE® ACCESS U0(P*)T-2GEN	

Description

- Fast Ethernet Network-Switch (10/100BaseT(X)), unmanaged
- Ports: RJ45
- Hardware designed for harsh industrial (protection code IP30)



General characteristics

Interfaces	RJ45 Port: 10/100BaseT(X) auto-negotiation, full-/halfduplex-mode and Auto-MDI/MDI-X-connection DIP-Button: enable/disable broadcast storm protection
Switch properties	MAC-tablesize: 2 K paket-buffersize: 1 Mbit
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 (100BaseT(X))
Processing type	Store and Forward
MTBF (mean time between failures)	6.280.112 Std @ Telcordia (Bellcore), GB (U05T-2GEN) 5.079.190 Std @ Telcordia (Bellcore), GB (U08T-2GEN)

Variation

Article	Description	Ports (P*) [amount]
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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.)	3.4 W (U05T-2GEN) 4.6 W (U08T-2GEN)
Input current (max.)	0.30 A (U05T-2GEN) 0.40 A (U08T-2GEN)
Overload current protection	support
Reverse polarity protection	support
Redundancy protection	support

Physical properties

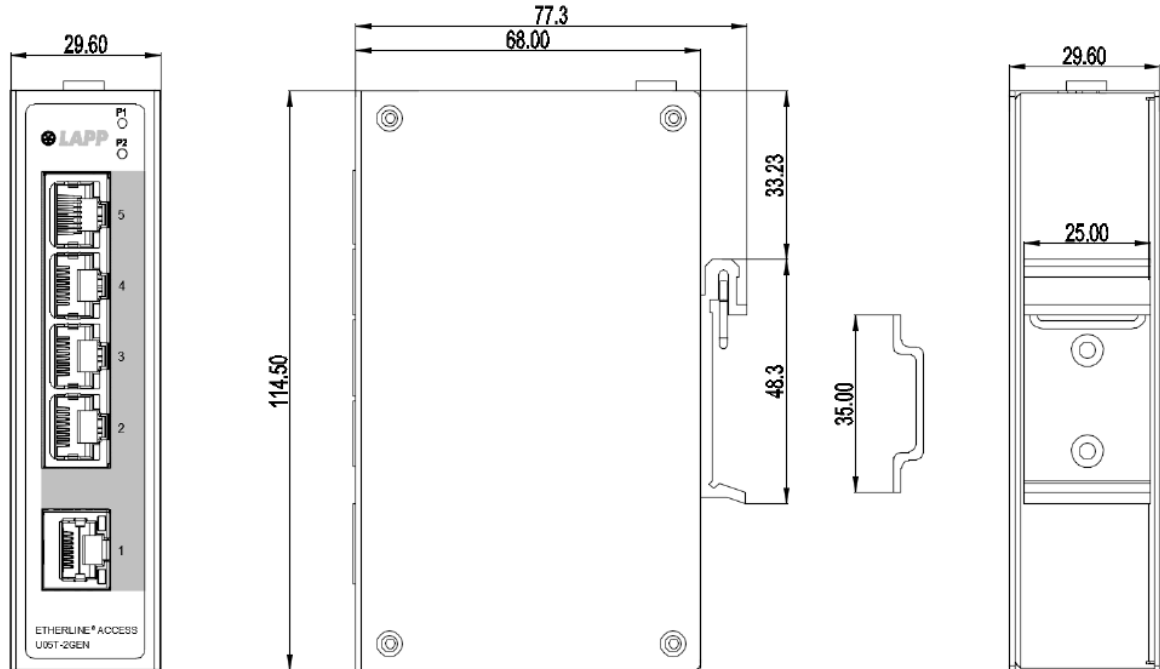
Housing	Metal
IP class	IP30
Weight	0.2 kg (U05T-2GEN) 0.3 kg (U08T-2GEN)
Installation	DIN-rail mounting

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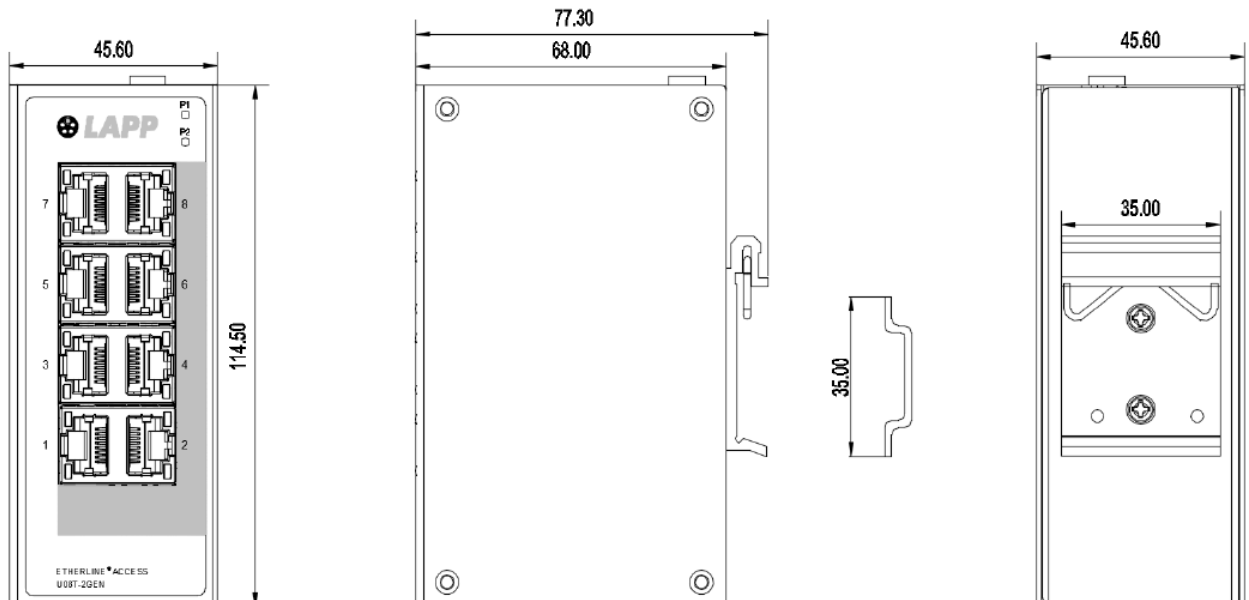
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Technical drawing

Dimensional drawing (U05T-2GEN)



Dimensional drawing (U08T-2GEN)



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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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