



DATA SHEET	21700118
ETHERLINE ACCESS U05T	Valid from 09.06.2017

Description

- Plug&Play Fast Ethernet Network-Switch (10/100BaseT(X)), unmanaged
- Ports: 5x RJ45
- Hardware designed for harsh industrial and maritime environments (protection code IP30)
- Approvals: CE, UL, DNV.GL, FCC



General characteristics

Series	U05T
Interfaces	RJ45 Port: 10/100BaseT(X) auto-negotiation, full-/halfduplex-mode and Auto-MDI/MDI-X-connection DIP-Switch: enable/disable broadcast storm protection
Switch properties	MAC-tablesize: 1 K paket-buffersize: 512 Kbit
Temperature range	operating temp.: -10°C to +60°C (14°F to 140°F) ambient relative humidity: 5% to 95% (non-condensing) storage temp.: -40°C to +85°C (-40°F to +185°F)
Standards	IEEE 802.3 (10BaseT) IEEE 802.3u (100BaseT(X)) IEEE 802.3x for flow control
Processing type	Store and Forward
MTBF (mean time between failures)	3.040.784 hrs @ Telcordia (Bellcore), GB

Power requirements

Input voltage	12/24/48 VDC, 18 to 30 VAC (47 to 63 Hz), redundant dual inputs
Operating voltage	9,6 to 60 VDC, 18 to 30 VAC (47 to 63 Hz)
Input current	0,09 A @ 24 V
Overload current protection	1,1 A
Connection	1 removable 4-pole terminal block
Reverse polarity protection	present

Physical properties

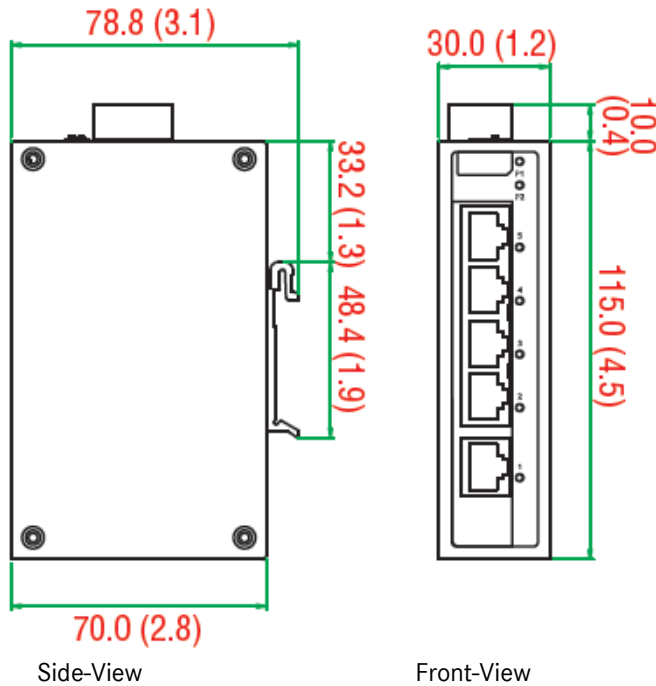
Housing	Aluminum
IP class	IP30
Dimensions	30 x 115 x 70 mm (1.18 x 4.52 x 2.76 in)
Weight	175 g (0.39 lb)
Installation	DIN-rail mounting

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Technical drawing



Standards and approvals

Safety	UL508
EMC	EN55022/24
EMI	CISPR22, FCC Part 15B Class A
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
	IEC 61000-4-5 Surge: Power: 2kV / Signal: 2kV
	IEC 61000-4-6 CS: 10V
	IEC 61000-4-8, IEC 61000-4-11
Shock	according IEC 60068-2-27
Free fall	according IEC 60068-2-32
Vibration	according IEC 60068-2-6
Approvals	CE, UL, maritime DNV.GL, FCC

Application range

Automation, industrial machinery and plant engineering

Remark

Photographs are not to scale and do not represent detailed images of the respective products.

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