



TURCK L4-SE-U1 Unmanaged Ethernet Switch User Guide

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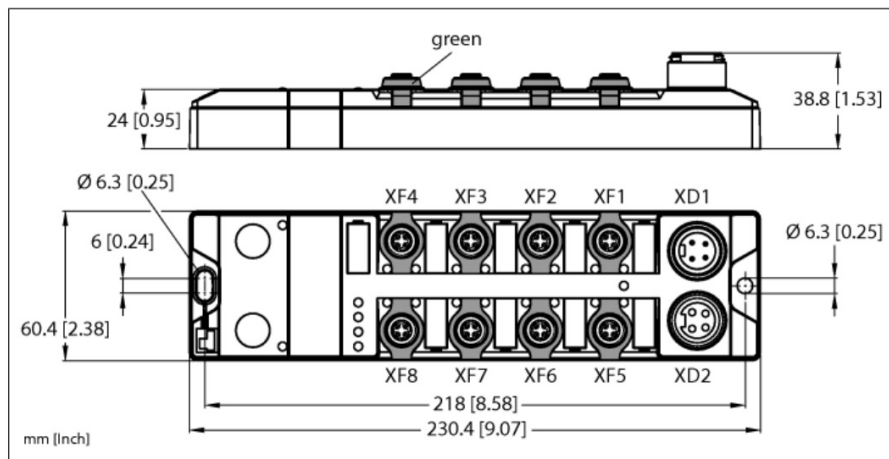
Unmanaged Ethernet Switch
8 × 100-Mbit Ports
TBEN-L4-SE-U1



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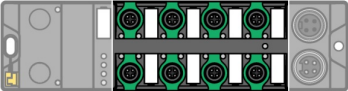
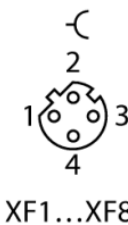
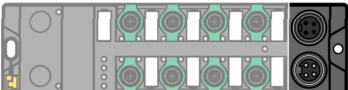
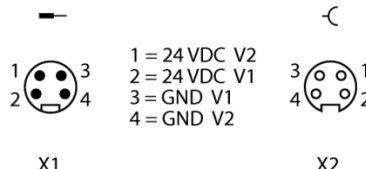
L4-SE-U1 Unmanaged Ethernet Switch



- 8 × M12, 4-pin, D-coded, 100 Mbps
- Glass fiber reinforced housing
- Shock and vibration tested
- Fully potted module electronics
- Protection classes IP65, IP67, IP69K
- 7/8" male connector for power supply, 4-pin
- Galvanically isolated voltage groups
- ATEX Zone 2/22

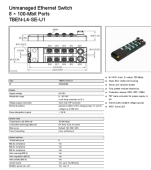
Type	TBEN-L4-SE-U1
ID	100028460
Supply	
Supply voltage	24 VDC
Admissible range	8...30 VDC Load dump protection at 12 V
Voltage supply connection	4-pin male 7/8" connector
Electrical isolation	galvanic isolation of the voltage groups V1 and V2, voltages up to 500 VAC
Power dissipation, typical	ð 2.9 W
System data	
Transmission rate Ethernet	10/100 Mbps
Connection technology Ethernet	8 × M12, 4-pin, D-coded
Web server	Default: 192.168.1.254
Frame forwarding	store and forward
Switch interface	
10/100-Mbit ports	8
802.3q compliance	Yes

802.3u compliance	Yes
802.3x compliance	Yes
Auto-crossing (802.3)	Yes
Auto-negotiation (802.3)	Yes
Auto-polarity (802.3)	Yes
Jumbo frames	Yes, up to 10,240 bytes
Multiple queues per port	Yes, max. 8
Standard/Directive conformity	
Vibration test	Acc. to EN 60068-2-6 Acceleration up to 20 g
Shock test	acc. to EN 60068-2-27
Drop and topple	acc. to EN 60068-2-31/IEC 60068-2-32
Electromagnetic compatibility	Acc. to EN 61131-2
Approvals and certificates	CE UV-resistant acc. to DIN EN ISO 4892-2A (2013)
UL Certificate	cULus LISTED 21 W2, Encl. type 1 IND.CONT.EQ.
Note on ATEX/IECEx	The Quick Start Guide with information on use in Ex Zones 2 and 22 must be observed.
General Information	
Dimensions (W x L x H)	60.4 x 230.4 x 38.8 mm
Ambient temperature	-40...+70 °C
Storage temperature	-40...+85 °C
Altitude	Max. 5000 m
Protection class	IP65 IP67 IP69K
MTTF	284 years acc. to SN 29500 (Ed. 99) 20 °C
Housing material	PA6-GF30
Housing color	Black
Male connector material	Nickel-plated brass
Window material	Lexan
Material screw	303 stainless steel
Material label	Polycarbonate
Halogen-free	yes
Mounting	2 mounting holes 6.3 mm

	Note Ethernet cable (example): RSSD-RSSD-4416-2M ID 6441652	Ethernet M12 × 1  1 = TX + 2 = RX + 3 = TX - 4 = RX - flange = FE XF1...XF8
	Note Power supply cord set (example): RKM43-1-RSM43 ID 6914312	7/8" power cable  X1 X2

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Documents / Resources

	TURCK L4-SE-U1 Unmanaged Ethernet Switch [pdf] User Guide L4-SE-U1 Unmanaged Ethernet Switch, L4-SE-U1, Unmanaged Ethernet Switch, Ethernet Switch, Switch
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References

- [User Manual](#)

[Manuals+](#). [Privacy Policy](#)

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