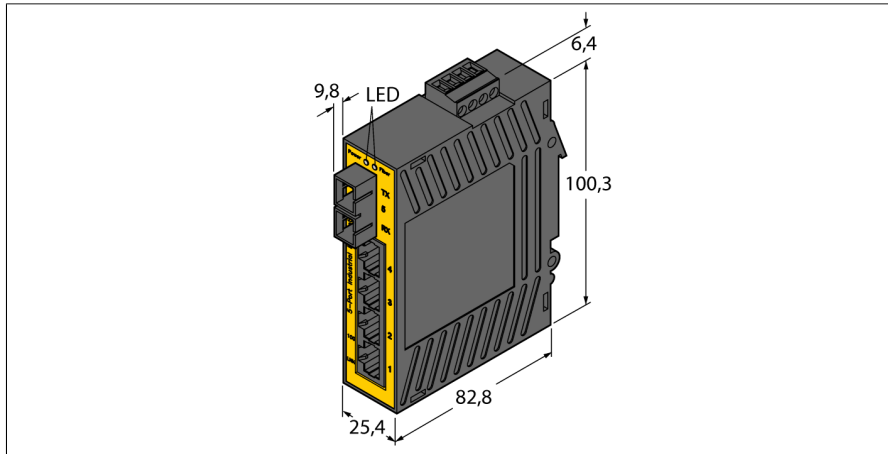
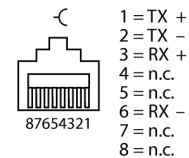


Industrial Ethernet Unmanaged switch SE20-84XT-RJ422-FO

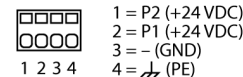


- 10/100 Mbps
- Auto-Negotiation, 10/100 M, half/full duplex
- Auto-Crossing, Auto-Polarity
- Auto-Addressing, aging and migration
- Store-and-Forward data transmission
- IEEE 802.3, 802.3u, 802.3x
- 4 ports + 1 multi-mode fiber
- Ethernet connection: shielded RJ45 sockets
- Power Supply: Removable screw terminals
- Protection class: IP20

RJ45 Fieldbus



Power Supply



Functional principle

Ethernet switches can be used to simplify Ethernet networks and reduce traffic. They perform an important role in traffic management by forwarding messages only to the port that needs them.

Type	SE20-84XT-RJ422-FO
ID	U3-10873
Supply voltage	24 V DC
Admissible range	10...30 VDC
Power consumption	≤ 3 W
Transient Protection	15,000 Wp
Spike Protection	5.000 W (10 times for 10 µs)
Voltage supply connection	Pluggable screw terminal strip
Transmission rate Ethernet	10/100 Mbps
Ethernet Compliance	IEEE 802.3 (10 Mbps Ethernet) IEEE 802.3u (100 Mbps Ethernet) IEEE 802.3.3 x (Full-Duplex with Flow Control)
Number of Ethernet ports	4 ports + 1 multi-mode fiber
Connection technology Ethernet	4 × RJ45, 1 × Duplex SC
MAC Addresses	1024
Memory bandwidth	3.2 Gbps
Latency (typical)	@100 Mbit/s: 5 µs + frame time; @10 Mbit/s: 16 µs + frame time
Electrical isolation	1500 VRMS 1 min.
Electromagnetic compatibility (EMC)	FCC part 15, ICES-003, EN55022, EN61000-6, CE
Fiber wavelength	1300 nm Mitte (typisch)
Fiber maximum distance (full duplex)	4 km für Multimode 50 oder 62,5/125 µm
Dimensions	25.4 x 82.8 x 101.6 mm
Weight	223 g
Ambient temperature	-40...+60 °C
Storage temperature	-40...+85 °C
Relative humidity	5...95 %, non-condensing
Vibration test	Acc. to IEC 60068-2-6
Protection class	IP20
Mounting	Mounting on a DIN rail and mounting plate
Housing material	UL94V0 Lexan

Approvals and certificates	UL508/CSA C22.2/14; EN61010-1; UL1604/CSA C22.2/213 (Class I, Div. 2); EN60079-15 (Zone 2, Category 3); CE (ATEX); IEC60825-1, Class 1; FDA 21 CFR 1040.10 und 1040.11
Life cycle MTBF	> 1M hrs GB at 35 °C according to MIL-HDBK-217F2
