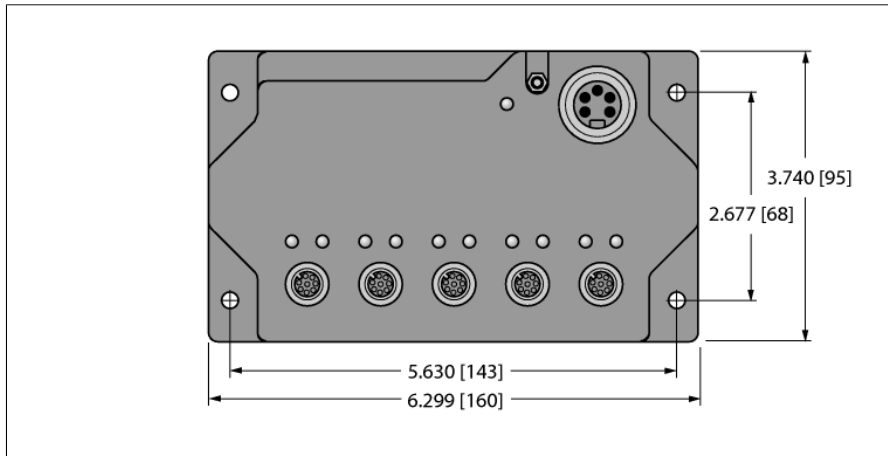


**Industrial Ethernet
Unmanaged Switch
SE-44X-E524**



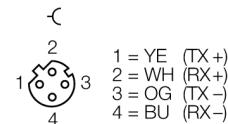
Industrial
Automation



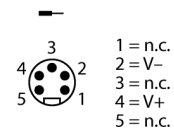
- 10/100 Mbps
- Auto-sensing, 10/100M, half/full duplex, auto-negotiating
- Auto cross-over, auto-polarity
- Automatic address learning, aging and migration
- Store and forward wire-speed switching
- IEEE 802.3, 802.3u, 802.3x
- 5 ports
- Ethernet connection: 4-pole, M12 D-code
- Power supply: 5-pole, 7/8"
- Protection class: IP67

Type	SE-44X-E524
Ident-No.	6607003
Ident-No (TUSA)	U3-00041
Supply voltage	24 VDC
Admissible range	10...30 VDC
Power consumption	≤ 2 W
Transient Protection	15,000 Watts Peak
Spike Protection	5,000 Watts (10 times for 10 μs)
Voltage supply connection	5-pole male 7/8" connector
Fieldbus transmission rate	10 Mbps / 100 Mbps
Ethernet Compliance	IEEE 802.3 (10Mbps Ethernet) IEEE 802.3u (100Mbps Ethernet) IEEE 802.3x (Full-Duplex with Flow Control)
Communication Ports	5 ports (unmanaged)
Fieldbus connection technology	Female connector, M12 x 1, 4-pole, D-coded
MAC Addresses	1024
Memory bandwidth	3.2 Gbps
Latency (typical)	@100 Mbps: 5 μs + frame time; @10 Mbps: 16 μs + frame time
Electrical isolation	1500 VRMS 1 minute
Electromagnetic compatibility (EMC)	Per EN 50155
Dimensions	160.0x30.0x95.0 mm
Weight	630 g
Operating temperature	-40 to +75 °C
Storage temperature	-40 to +85 °C
Relative humidity	5 to 95% (non-condensing)
Vibration and shock testing	According to IEC 60068-2-6
Protection class	IP67
Mounting	Machine mount (4 x M5 or #10 screws, not included)
housing material	Nylon (brass-nickle receptacles)
Approvals and certificates	CE

Fieldbus M12 x 1



Voltage 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.