



# N-Tron® 105TX-SL

## Unmanaged 5-port Industrial Ethernet Switch

Item number: 105TX-SL

The N-Tron® Unmanaged 5-port Industrial Ethernet Switch meets data gathering, control and Ethernet I/O needs cost-effectively. This plug-and-play hubswitch five-port switch offers connectivity and comes in an ultra-slim, durable metal case. Top performance for high-speed layer 2 switching in demanding industrial environments.

*Ultra-slim, unmanaged 5-port industrial Ethernet switch*

### Features and benefits

- ✓ **Gather industrial data effectively and affordably**  
Store-and-forward technology with full wire speed communication, high throughput and minimum downtime. Upgrade existing solutions with new bandwidth by eliminating network collisions.
- ✓ **Automatic speed and flow control**  
Automatically negotiates and configures speed and flow control of the RJ-45 ports.
- ✓ **Designed for industrial settings**  
IP30 rating and extended environmental specifications delivers robust performance in harsh and hazardous industrial settings. Over 2 million hours MTBF.
- ✓ **LED status monitoring**  
LED indicator lights display the link status and activity of each port.
- ✓ **Redundant DC power inputs**  
Redundant DC power inputs (10-30 VDC) for increased reliability. ESD and surge protection on all built-in RJ-45 ports.
- ✓ **Five RJ-45 auto-sensing 10/100Base TX RJ-45 ports**  
RJ-45 ports auto sense duplex, speed and MDIX. Ethernet switching technology makes RJ-45 ports full/half duplex capable.
- ✓ **Metal DIN-rail enclosure and DIN-rail clip**  
Comes in a 35mm DIN-rail mountable hardened metal case. Compact design with a small footprint. Dimensions: 10.2 cm X 2.6 cm X 9.2 cm.
- ✓ **MAC address support**  
Connect to advanced and complex network architectures with support for up to 2,000 MAC addresses.
- ✓ **Leading industry certifications for industrial environments**  
IEEE 802.3 compliant. Certified UL Class I, Division 2 rating and CE approval. Operating temperature of -40 °C to 85 °C.

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## General

Net Weight (g)	320
Packed Width (mm)	152.4
Packed Height (mm)	101.6
Packed Depth (mm)	203.2
Packed Weight (g)	726
Operating Temperature °C Min	-40
Operating Temperature °C Max	85
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	10% to 95% (Non Condensing)
Power Consumption (W)	5.16
Input Voltage (V)	10-30 VDC
Maximum Installation Altitude (m)	3048
Mounting	DIN rail mount (bracket included)
Housing Materials	Metal Housing
Packaging Material	Cardboard
Warranty (years)	3

## Identification and Status

Product ID	105TX-SL
Country of Origin	United States of America (the)

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## Identification and Status

HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

## Physical Features

Connectors / Input / Output	5x RJ45
Top Wiring Clearance (mm)	25.4
Front Wiring Clearance (mm)	50.8
SD Card Slot	No
Flash Drive	No
Contains Battery	No

## Bluetooth Features

Net Data Throughput	Up to 1.0Gb/s
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## Certifications and Standards

RoHS Compliant	Yes
CE	Yes
FCC	Yes
UKCA	No
UL	Yes
ATEX	No
DNV	No
KC	No
Mean Time Before Failure (MTBF)	>2,000,000 hours

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## Certifications and Standards

Vibration and Shock	Shock: 200g @ 10ms; Vibration: 50g, 5-200Hz, Triaxial
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