

TSW030

8-PORT ETHERNET SWITCH



TSW030 360° VIEW

The TSW030 is a cost-efficient unmanaged Ethernet switch, featuring eight 10/100 RJ45 ports and integrated DIN rail mounting. This compact and rugged 8-port switch includes a 2-pin power input and low power consumption of up to 0.5 W when idle and a maximum of up to 1.5 W. These make this plug-and-play switch perfect for industrial applications requiring to connect up to eight devices.



2-PIN POWER INPUT

Simple and suitable for industrial applications

LOW POWER CONSUMPTION

Up to 0.5 W when idle, up to 1.5 W maximum

INTEGRATED DIN RAIL BRACKET

Easy mounting for plug-and-play deployment

8 X RJ45 PORTS

Eight 10/100 Mbps Ethernet ports



KEY FEATURES

HARDWARE

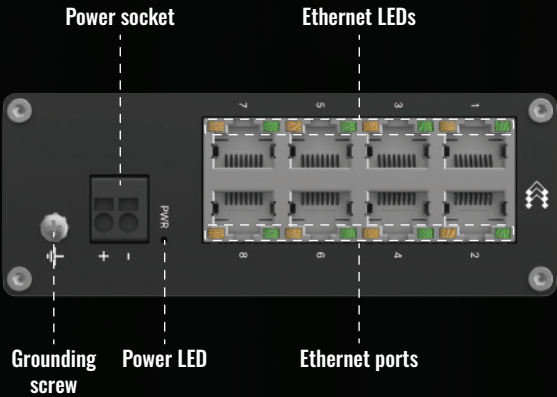
Powering options	2-pin industrial DC power socket, 7 – 57 VDC
Power consumption	Idle: 0.5 W / Max: 1.5 W
Ethernet	8 x ETH ports, 10/100 Mbps, supports auto MDI/MDIX crossover
IEEE 802.3 series standards	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az
Status LEDs	1 x Power LED, 16 x ETH status LEDs
Ingress Protection Rating	IP30
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminum housing and panels
Dimensions (W x H x D)	113.1 x 41.2 x 74.6 mm
Weight	256 g
Grounding	1 x Grounding screw
Mounting options	Integrated DIN rail bracket, wall mount, flat surface (additional kit needed)

PERFORMANCE SPECIFICATIONS

Bandwidth (Non-blocking)	20 Gbps
Packet buffer	128 KB
MAC address table size	2K entries
Jumbo frame support	9216 bytes

FRONT VIEW

BACK VIEW





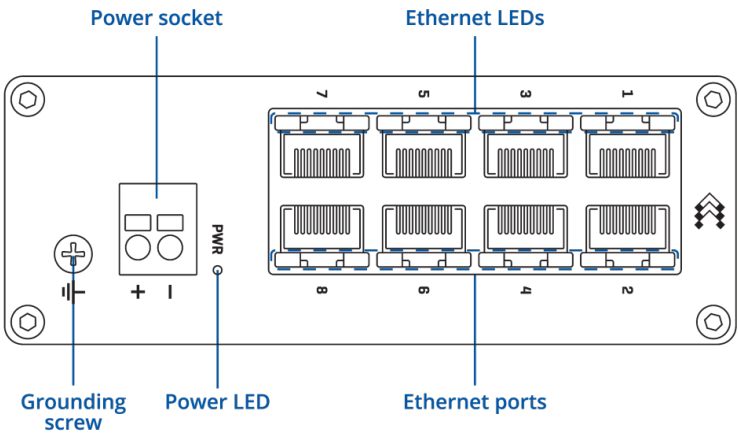
TSW030

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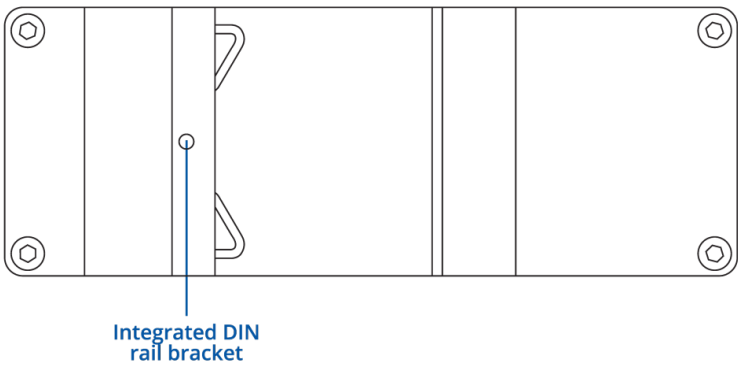


HARDWARE

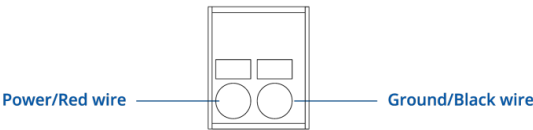
FRONT VIEW



BACK VIEW



POWER SOCKET PINOUT



RJ45 LED MEANING



FEATURES

Ethernet

Ethernet	8 x ETH ports, 10/100 Mbps, supports auto MDI/MDIX crossover
IEEE 802.3 series standards	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az

INDUSTRIAL PROTOCOLS

Profinet	Profinet Class A conformance (available with optional order code)
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Performance Specifications

Bandwidth (Non-blocking)	20 Gbps
Packer buffer	128 KB
MAC address table size	2K entries
Jumbo frame support	9216 bytes

Power

Connector	2-pin industrial DC power socket
Input voltage range	7 – 57 VDC, overvoltage protection: 60Vmax, reverse polarity protection: 80Vmax, surge protection: min 64.4V/max 71.2V breakdown voltage, 93.6V maximum reverse voltage @4.3A maximum reverse surge current, 1- Vin, 2-PGND
Power consumption	Idle: 0.5 W / Max: 1.5 W

Physical Interfaces

Ethernet	8 x RJ45 ports, 10/100 Mbps
Status LEDs	1 x Power LED, 16 x ETH status LEDs
Power	1 x 2-pin industrial DC power socket
Other	1 x Grounding screw

Physical Specification

Casing material	Anodized aluminum housing and panels
Dimensions (W x H x D)	113.1 x 41.2 x 74.6 mm
Weight	256 g
Mounting options	Integrated DIN rail bracket, wall mount, flat surface (additional kit needed)

Operating Environment

Operating temperature	-40 °C to 75 °C
Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP30

ORDERING

STANDARD PACKAGE*



TSW030



QSG (QUICK START GUIDE)

- TSW030
- QSG (Quick Start Guide)
- Packaging box

*Standard package contents may differ based on standard order codes.

For more information on all available packaging options – please [contact us](#) directly.

CLASSIFICATION CODES

HS Code: 851762

HTS: 8517.62.00

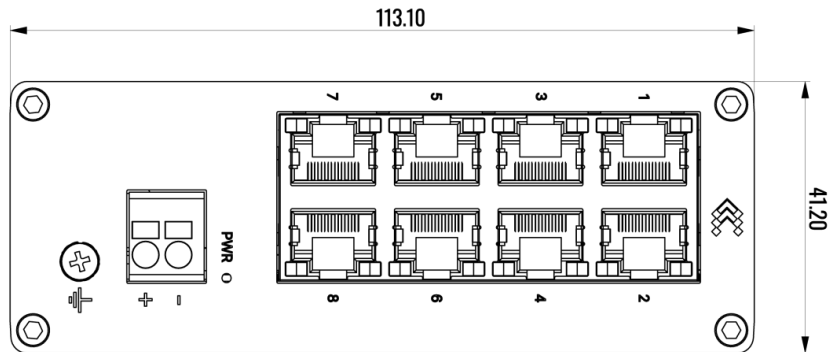
AVAILABLE VERSIONS

TSW030 *****0	N/A	TSW030000000 / Standard package without PSU
TSW030 *****1	N/A	TSW030000001 / Standard package without PSU
Profinet Class A conformance		

TSW030 SPATIAL MEASUREMENTS

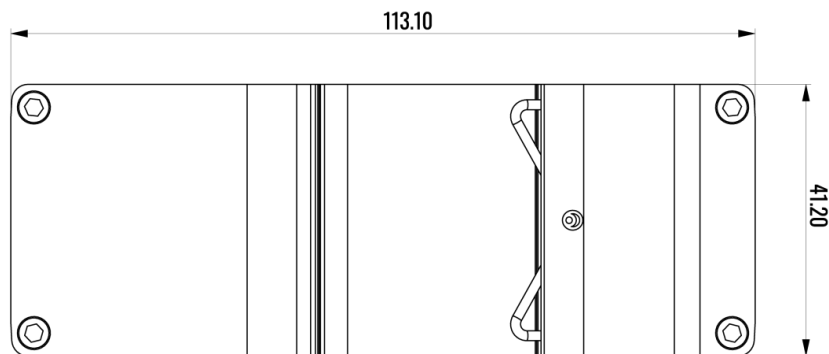
FRONT VIEW

The figure below depicts the measurements of device and its components as seen from the front panel side:



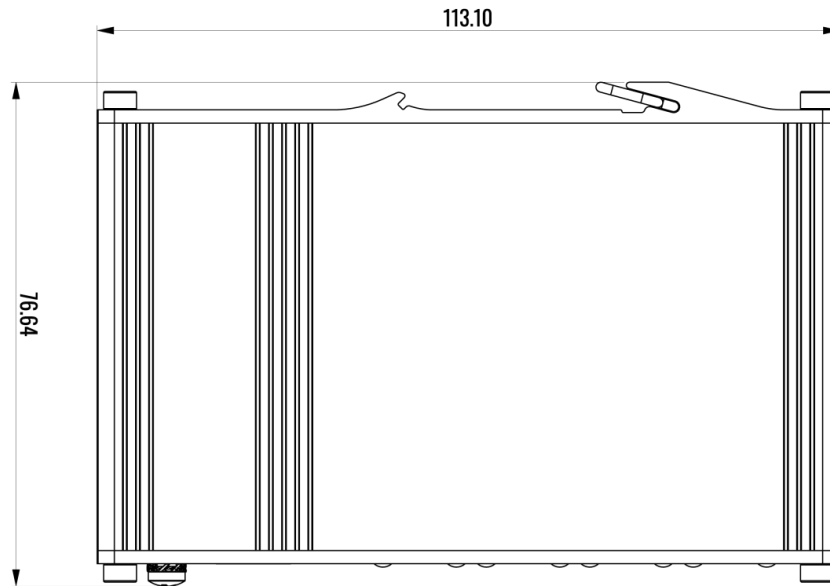
REAR VIEW

The figure below depicts the measurements of device and its components as seen from the back panel side:

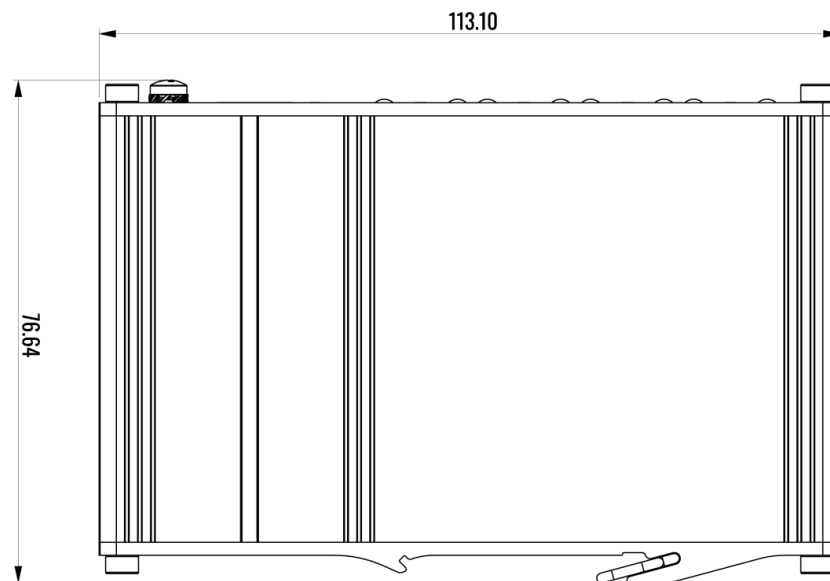


LEFT VIEW

The figure below depicts the measurements of device and its components as seen from the left:


RIGHT VIEW

The figure below depicts the measurements of device and its components as seen from the right:



MOUNTING SPACE REQUIREMENTS

The figure below depicts an approximation of the device's dimensions when cables and antennas are attached:

