



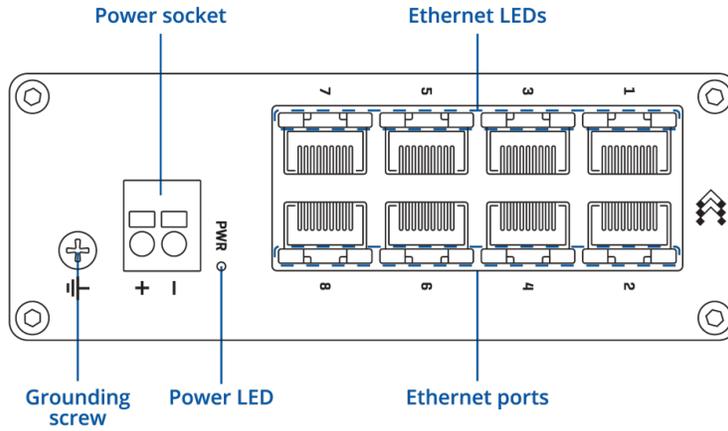
# TSW030

v1.0

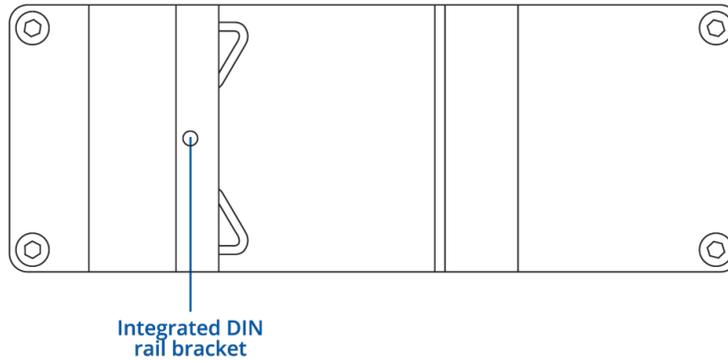


## HARDWARE

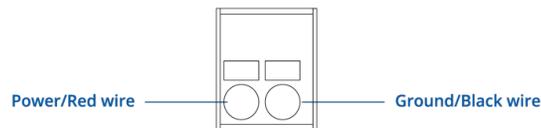
### FRONT VIEW



### BACK VIEW



### POWER SOCKET PINOUT



### RJ45 LED MEANING



## FEATURES

### Ethernet

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

### INDUSTRIAL PROTOCOLS

<b>Profinet</b>	Profinet Class A conformance (available with optional order code)
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### Performance Specifications

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

### Power

<b>Connector</b>	2-pin industrial DC power socket
<b>Input voltage range</b>	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
<b>Power consumption</b>	Idle: 0.5 W / Max: 1.5 W

### Physical Interfaces

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

### Physical Specification

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

**Operating Environment**

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

## ORDERING

### STANDARD PACKAGE\*



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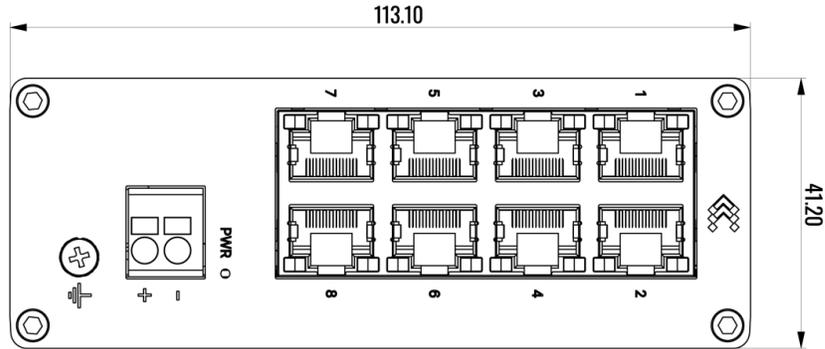
TSW030 *****1	N/A	TSW030000001 / Standard package without PSU
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**Profinet Class A conformance**

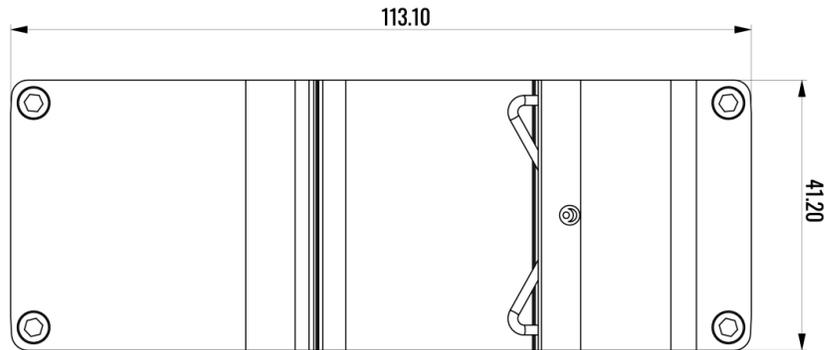
## TSW030 SPATIAL MEASUREMENTS

**FRONT VIEW**

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

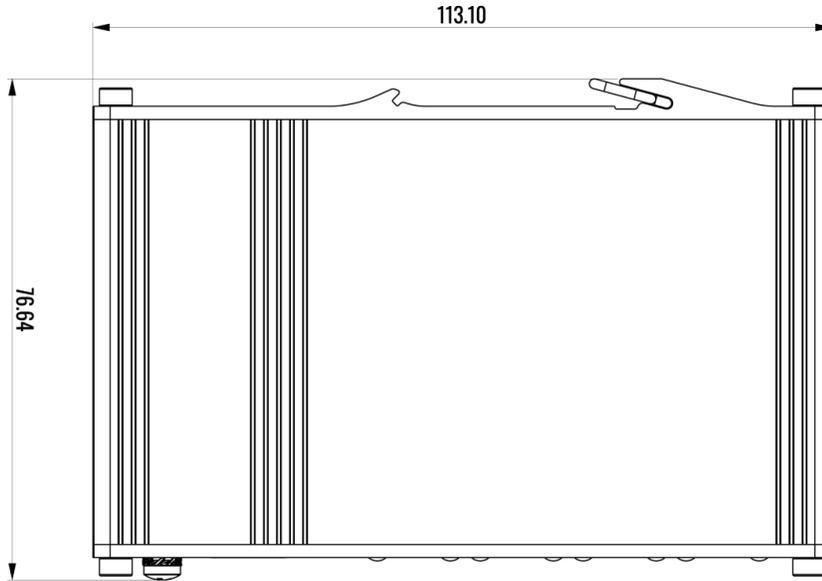

**REAR VIEW**

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

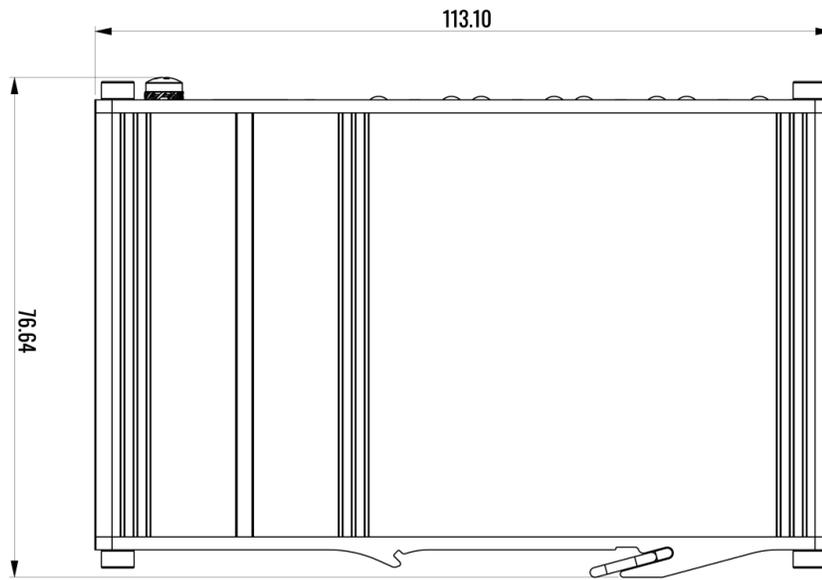


**LEFT VIEW**

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:

