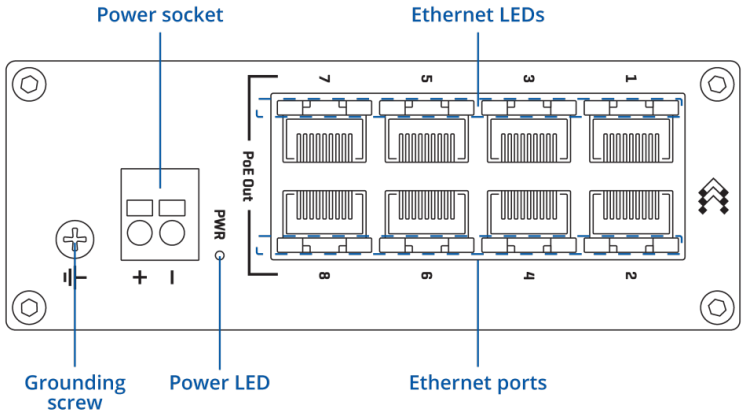
TSW040

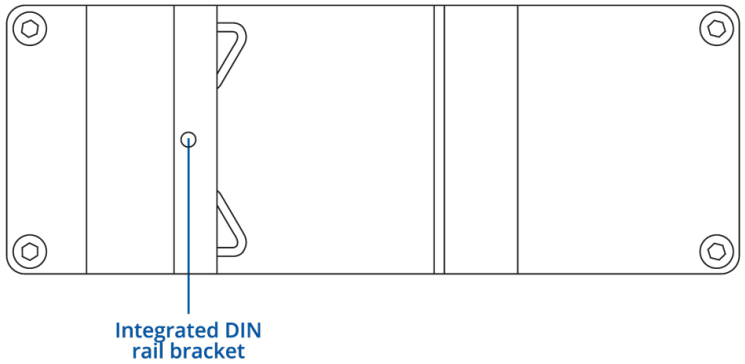
v1.1

HARDWARE

FRONT VIEW

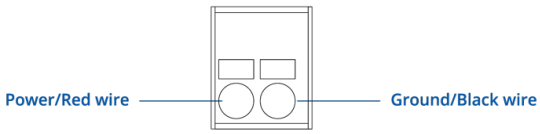


BACK VIEW



RJ45 LED MEANING

POWER SOCKET PINOUT



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)

POE OUT

PoE ports	Port 1 - 8
PoE standards	802.3af and 802.3at compliant PSE ports, over spare pairs - Mode B
PoE Max Power per Port (at PSE)	30 W
Total PoE Power Budget (at PSE)	240 W

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
PoE-out input voltage range	44 – 57 VDC
Power consumption	Idle: 1 W / Max: 2 W / PoE Max: 246 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
Mounting options	Integrated DIN rail bracket; wall mount and flat surface (additional kit needed)
Weight	280 g

Operating Environment

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

ORDERING

STANDARD PACKAGE*

TSW040

QSG (QUICK START GUIDE)

- TSW040
- 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

TSW040 *****0	N/A	TSW040000000 / Standard package without PSU TSW040000200 / Standard package with US PSU without connector
TSW040 *****1 **Profinet Class A conformance**	N/A	TSW040000001 / Standard package without PSU

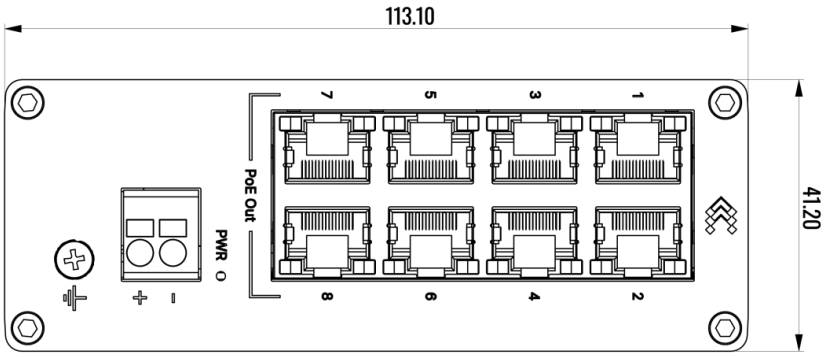
TSW040 SPATIAL MEASUREMENTS

PHYSICAL SPECIFICATION

Device housing (W x H x D)*:	113.1 x 41.2 x 74.6 mm
Box (W x H x D):	118.5 x 45.7 x 79.5 mm
	*Housing measurements are presented without antenna connectors and screws; for measurements of other device elements look to the sections below.

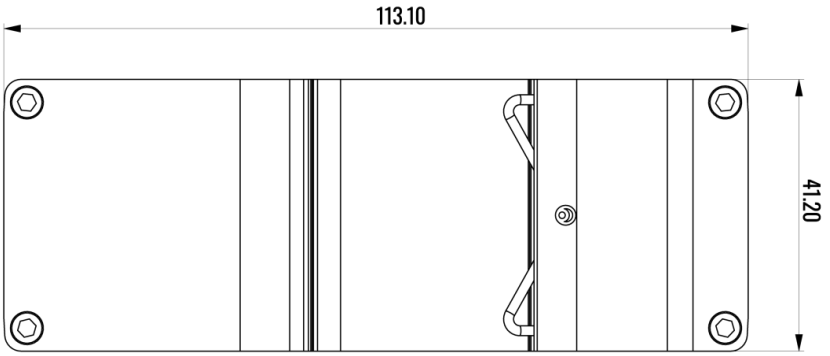
FRONT VIEW

The figure below depicts the measurements of TSW040 and its components as seen from front view:



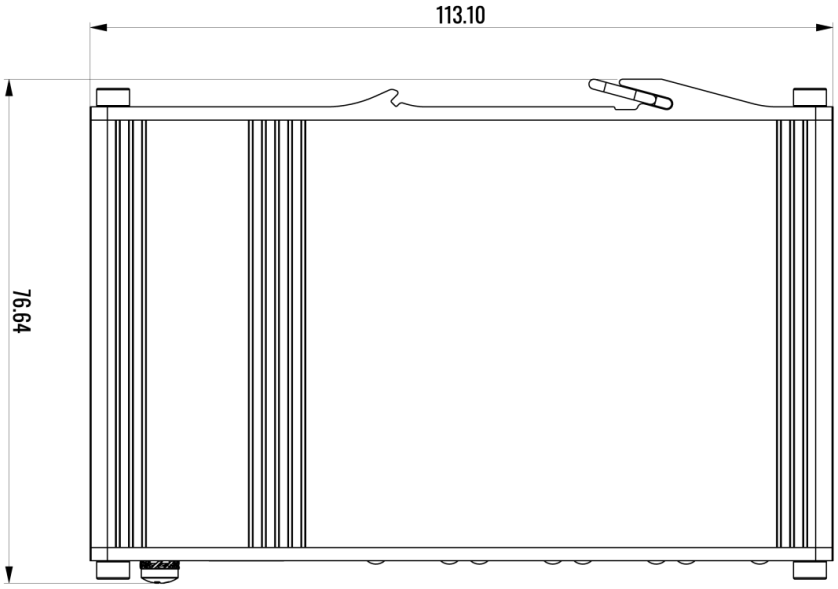
REAR VIEW

The figure below depicts the measurements of TSW040 and its components as seen from the rear view:



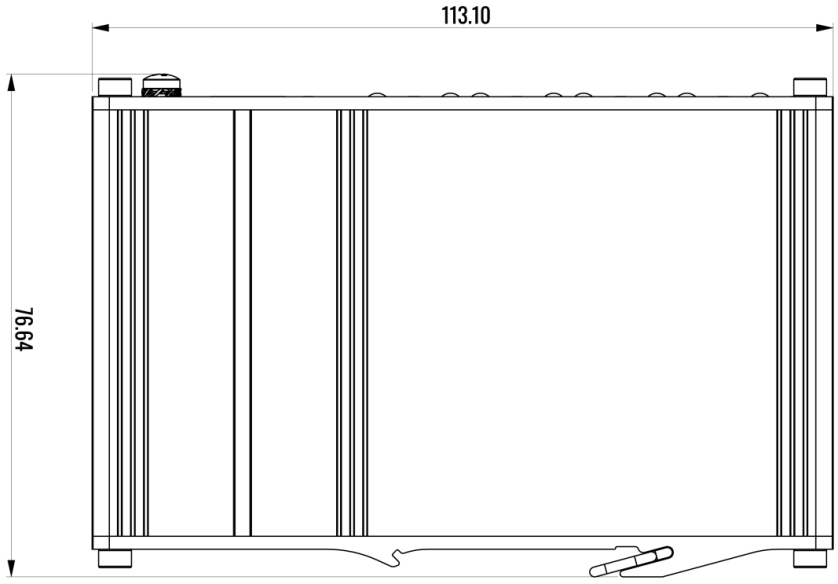
LEFT VIEW

The figure below depicts the measurements of TSW040 and its components as seen from the left panel side:



RIGHT VIEW

The figure below depicts the measurements of TSW040 and its components as seen from the right panel side:



MOUNTING SPACE REQUIREMENTS

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