



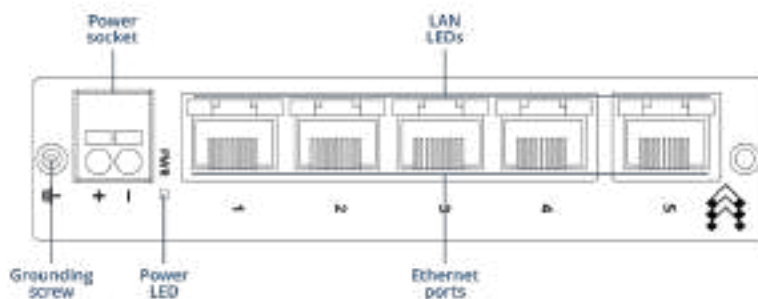
# TSW114

v1.0

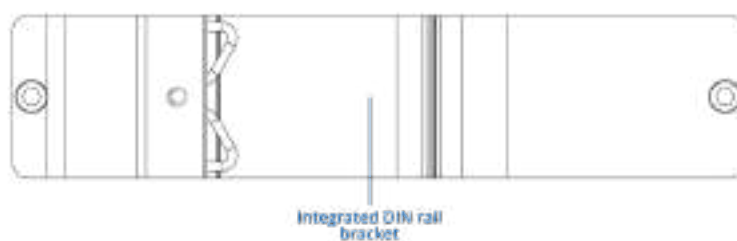


## HARDWARE

### FRONT VIEW



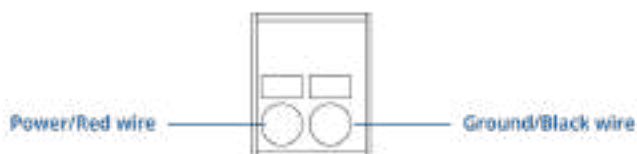
### BACK VIEW



### RJ45 LED MEANING



### POWER SOCKET PINOUT



## FEATURES

### Ethernet

ETH	5 x ETH ports, 10/100/1000 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)	10 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	9 – 30 VDC
PoE (passive)	Possibility to power up through ETH1 ports, not compatible with IEEE802.3af, 802.3at and 802.3bt standards, Mode B, 9 - 30 VDC
Power consumption	Idle: 0.3 W / Max: 2.3 W

### Physical Interfaces

Ethernet	5 x RJ45 ports, 10/100/1000 Mbps
Status LEDs	1 x Power LED, 10 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 27.4 x 80.5 mm
Weight	174 g
Mounting options	Integrated DIN rail bracket; wall mount and 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

### Regulatory & Type Approvals

Regulatory	CE, UKCA, FCC, IC, CB, RCM, CITC, REACH, RoHS, WEEE
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### EMC Emissions & Immunity

Standards	EN 55032:2015 + A11:2020 + A1:2020 EN 55035:2017 + A11:2020
ESD	EN 61000-4-2:2009
Radiated Immunity	EN IEC 61000-4-3:2020
EFT	EN 61000-4-4:2012
Surge Immunity (AC Mains Power Port)	EN 61000-4-5:2014 + A1:2017
CS	EN 61000-4-6:2014

### Safety

Standards	<b>CE:</b> EN IEC 62368-1:2020 + A11:2020 <b>RCM:</b> AS/NZS 62368.1:2022 <b>CB:</b> IEC 62368-1:2018
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## ORDERING

### STANDARD PACKAGE\*



- TSW114
- 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

TSW114 *****0	N/A	TSW114000000 / Standard package TSW114000010 / Mass packing code
TSW114 *****1	N/A	TSW114000001 / Standard package without PSU

**Profinet Class A conformance**

## TSW114 SPATIAL MEASUREMENTS

### PHYSICAL SPECIFICATION

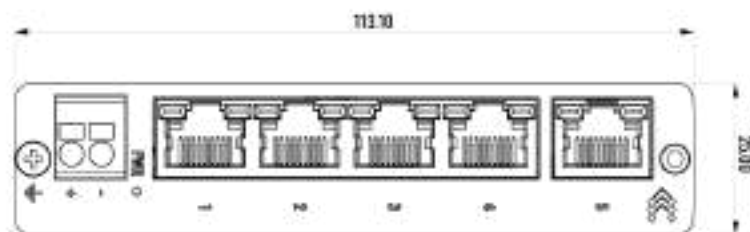
**Device housing\*:** 113.1 x 27.4 x 80.5 mm

**Box:** 175 x 35 x 150 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 device and its components as seen from the front panel side:



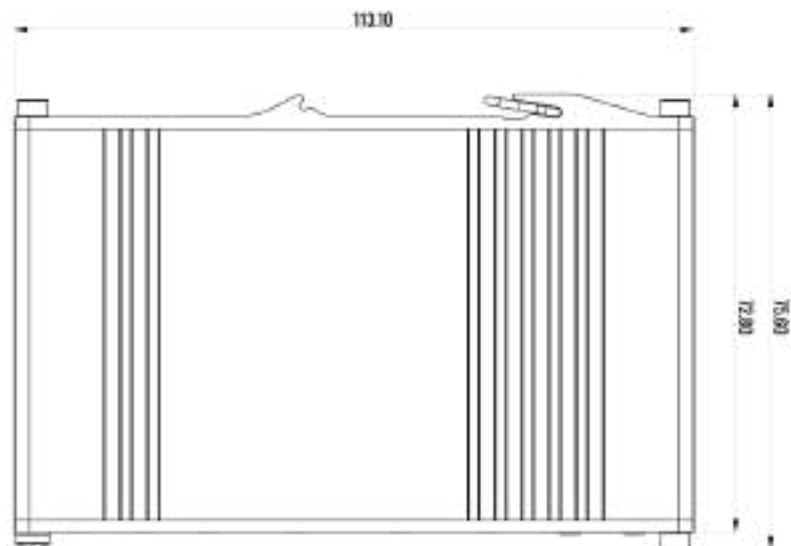
### REAR VIEW

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



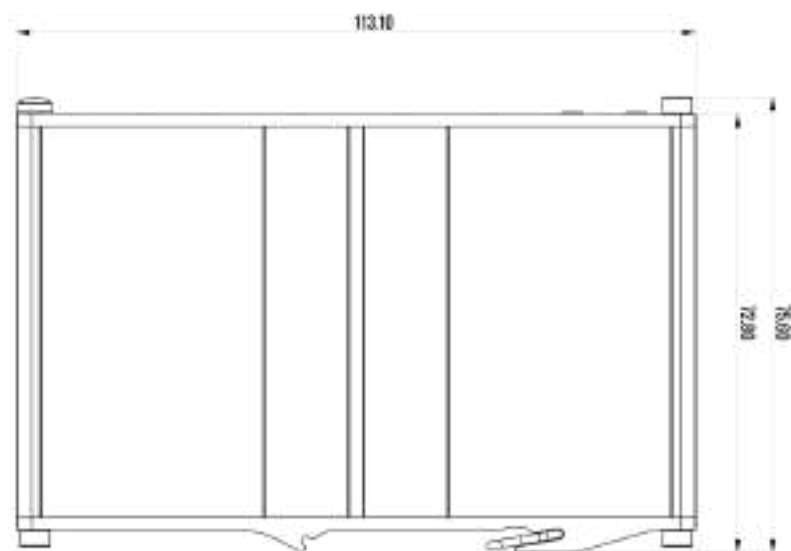
### LEFT VIEW

The figure below depicts the measurements of 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:

