TSW114

HARDWARE

FRONT VIEW

Power
socket

LAN
LEDs

PWR

1

2

3

4

5

Grounding
screw

Power
LED

Ethernet
ports

BACK VIEW

Integrated DIN rail bracket

RJ45 LED MEANING

Orange LED on: link established
10/100/1000 Mbps
Orange LED blinking: active connection

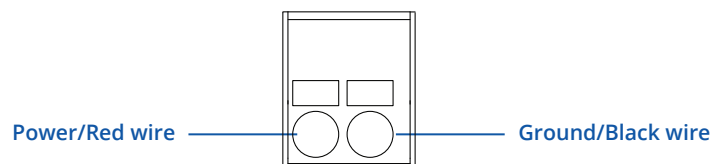Green LED on: link established
1000 Mbps

POWER SOCKET PINOUT

Power/Red wire

Ground/Black wire
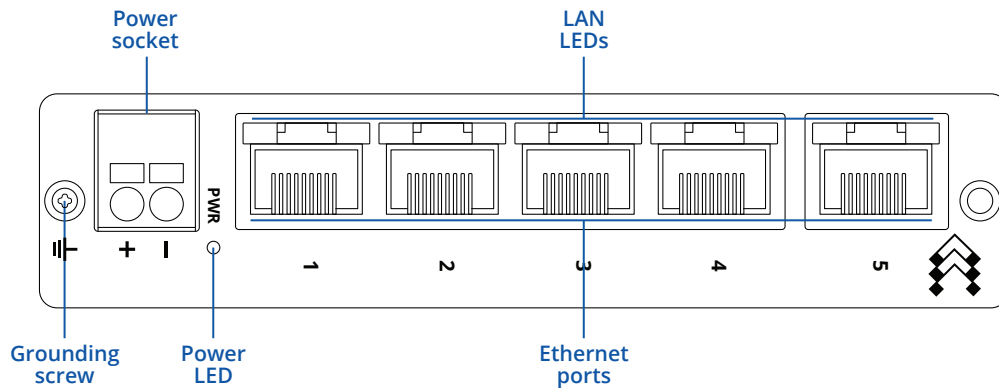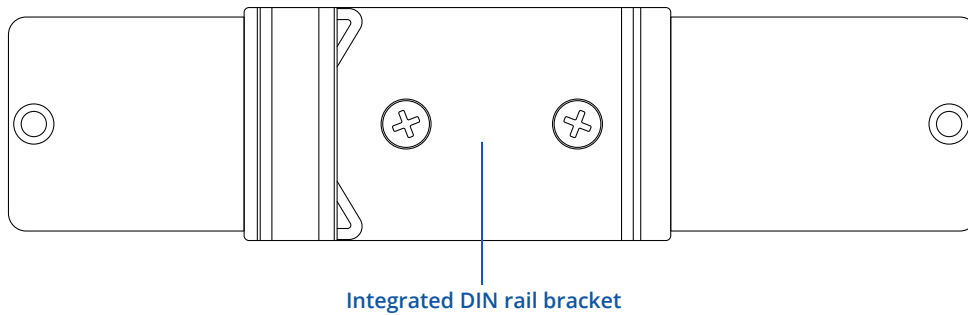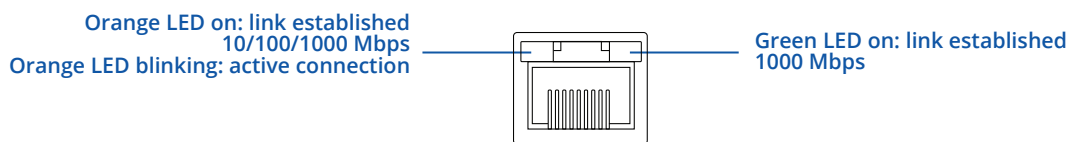
FEATURES

INTERFACES

Ethernet	5 x RJ45 ports, 10/100/1000 Mbps, compliance with IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX crossover

PERFORMANCE SPECIFICATIONS

Bandwidth (Non-blocking)	10 Gbps
Packet 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)	Passive PoE. Possibility to power up through LAN port, not compatible with IEEE802.3af, 802.3at and 802.3bt standards
Power consumption	Idle: 0.3 W / Max: 2.3 W

PHYSICAL INTERFACES (PORTS, LEDS)

Ethernet	5 x RJ45 ports, 10/100/1000 Mbps
Status LEDs	1 x Power LED, 10 x LAN status LEDs
Power	1 x 2-pin industrial DC power socket
Grounding	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 mounting (additional kit needed), flat surface placement

OPERATING ENVIRONMENT

Operating temperature	-40 °C to 75 °C
Operating humidity	10 % to 90 % non-condensing
Ingress Protection Rating	IP30

CERTIFICATION & APPROVALS

Regulatory	CE, REACH, RoHS, WEEE UKCA, FCC, IC, CB, RCM

SAFETY

Standards	EN IEC 62368-1:2020+A11:2020

WHAT'S IN THE BOX?

STANDARD PACKAGE CONTAINS

- TSW114
- QSG (Quick Start Guide)
- Packaging box

TSW114

STANDARD ORDER CODES

PRODUCT CODE	HS CODE	HTS CODE	PACKAGE CONTAINS
TSW114 000000	851762	8517.62.00	Standard package

For more information on all available packaging options – please contact us directly.

TSW114 SPATIAL MEASUREMENTS & WEIGHT
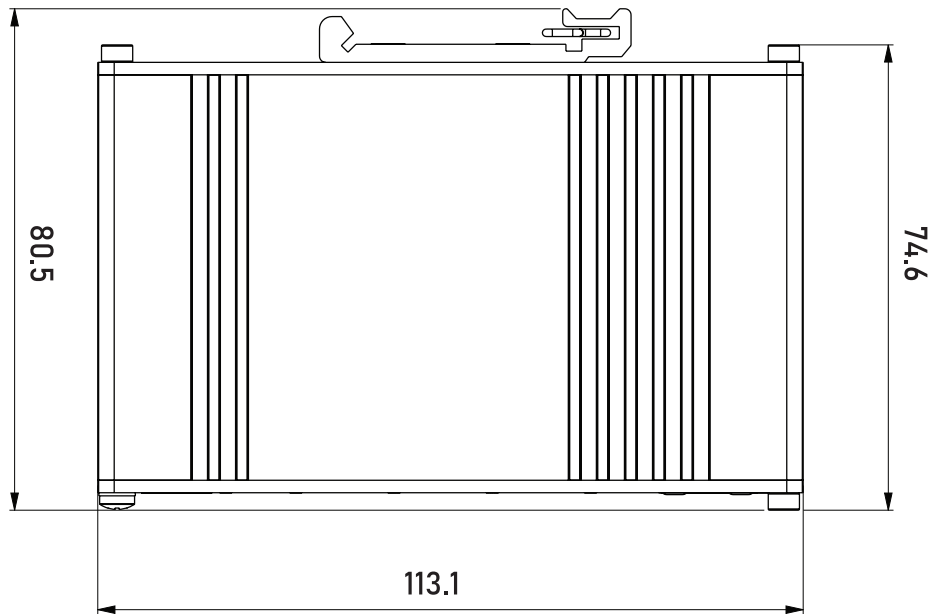
MAIN MEASUREMENTS

W x H x D dimensions for TSW114:

Device housing*:	113.1 x 27.4 x 80.5 mm
Box:	173 x 71 x 148 mm

*Housing measurements are presented without connectors and screws; for measurements of other device elements look to the sections below.
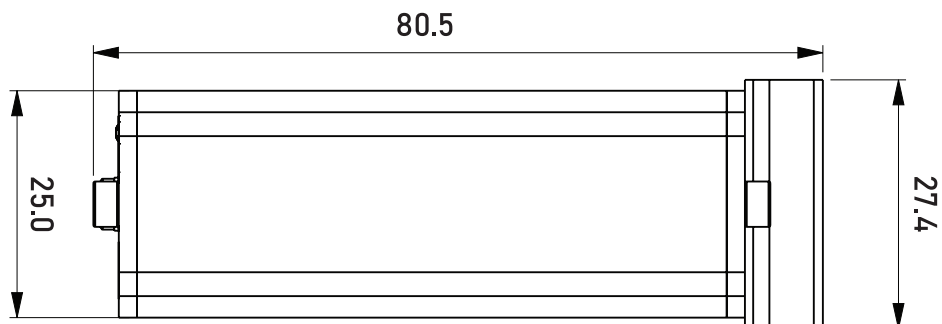
TOP VIEW

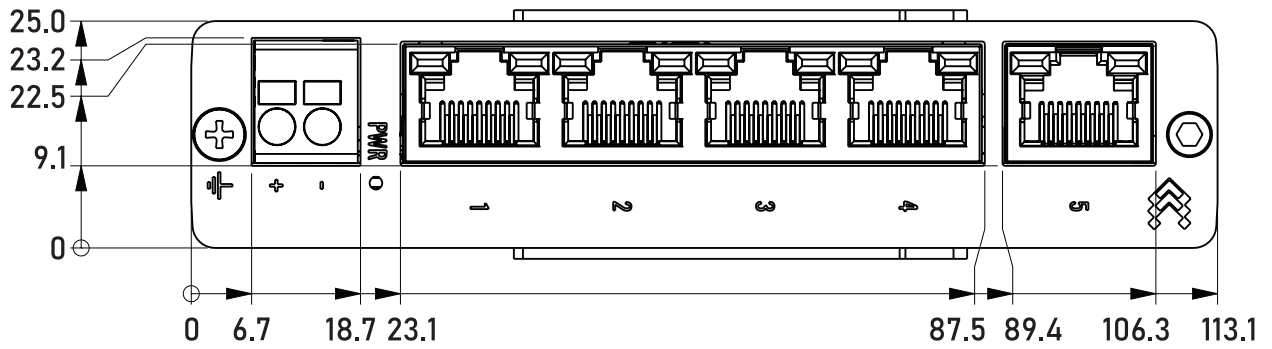The figure below depicts the measurements of TSW114 and its components as seen from the top:

RIGHT VIEW

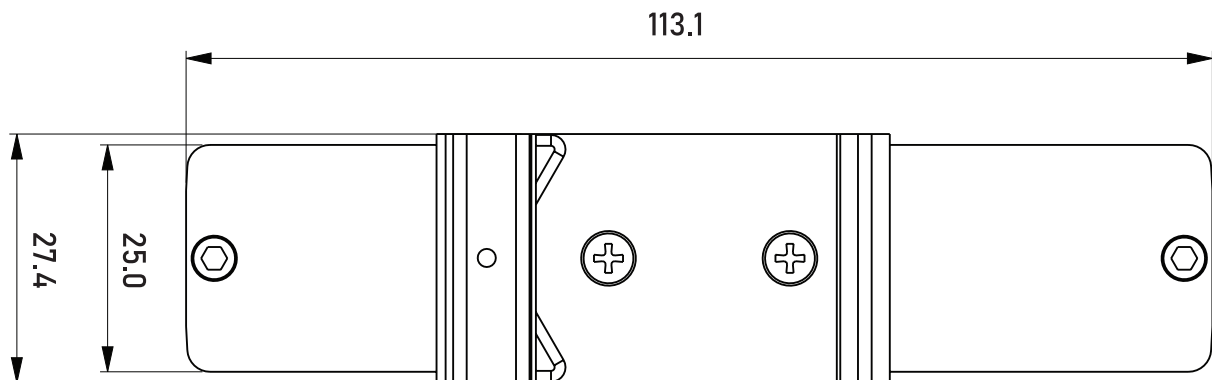The figure below depicts the measurements of TSW114 and its components as seen from the right side:

FRONT VIEW

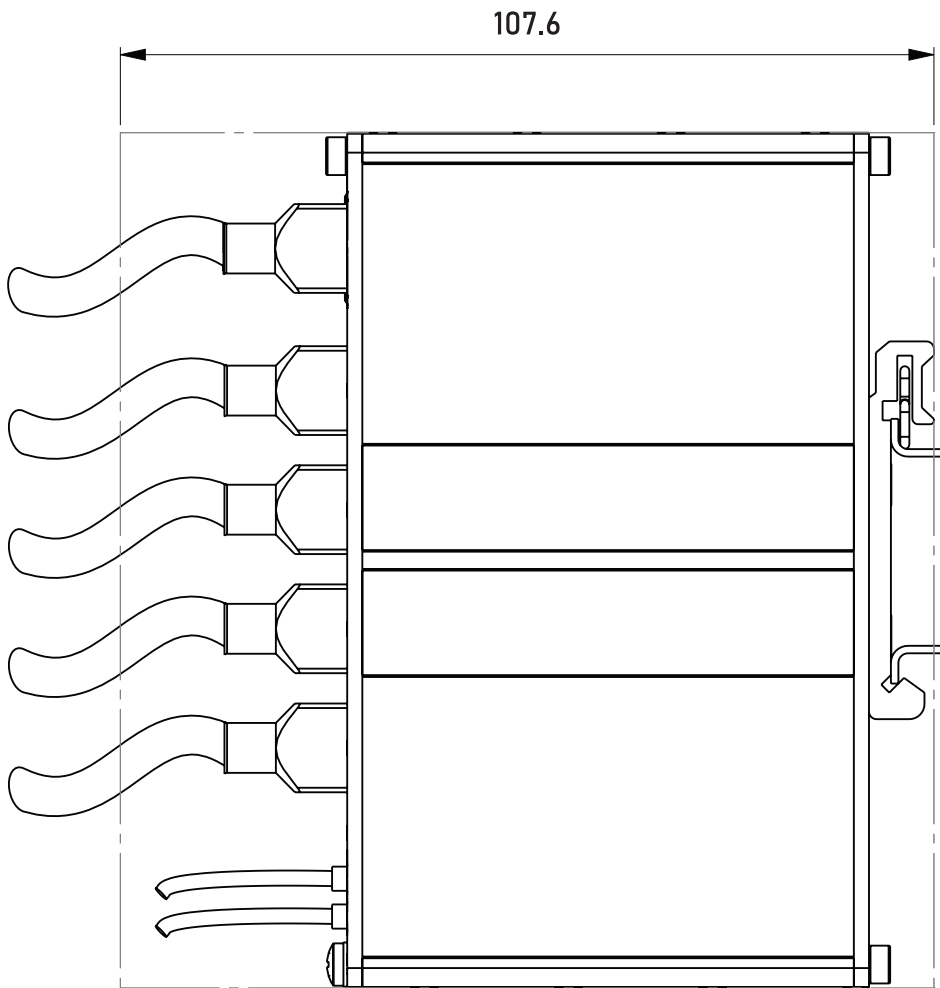The figure below depicts the measurements of TSW114 and its components as seen from the front panel side:

REAR VIEW

The figure below depicts the measurements of TSW114 and its components as seen from the back panel side:
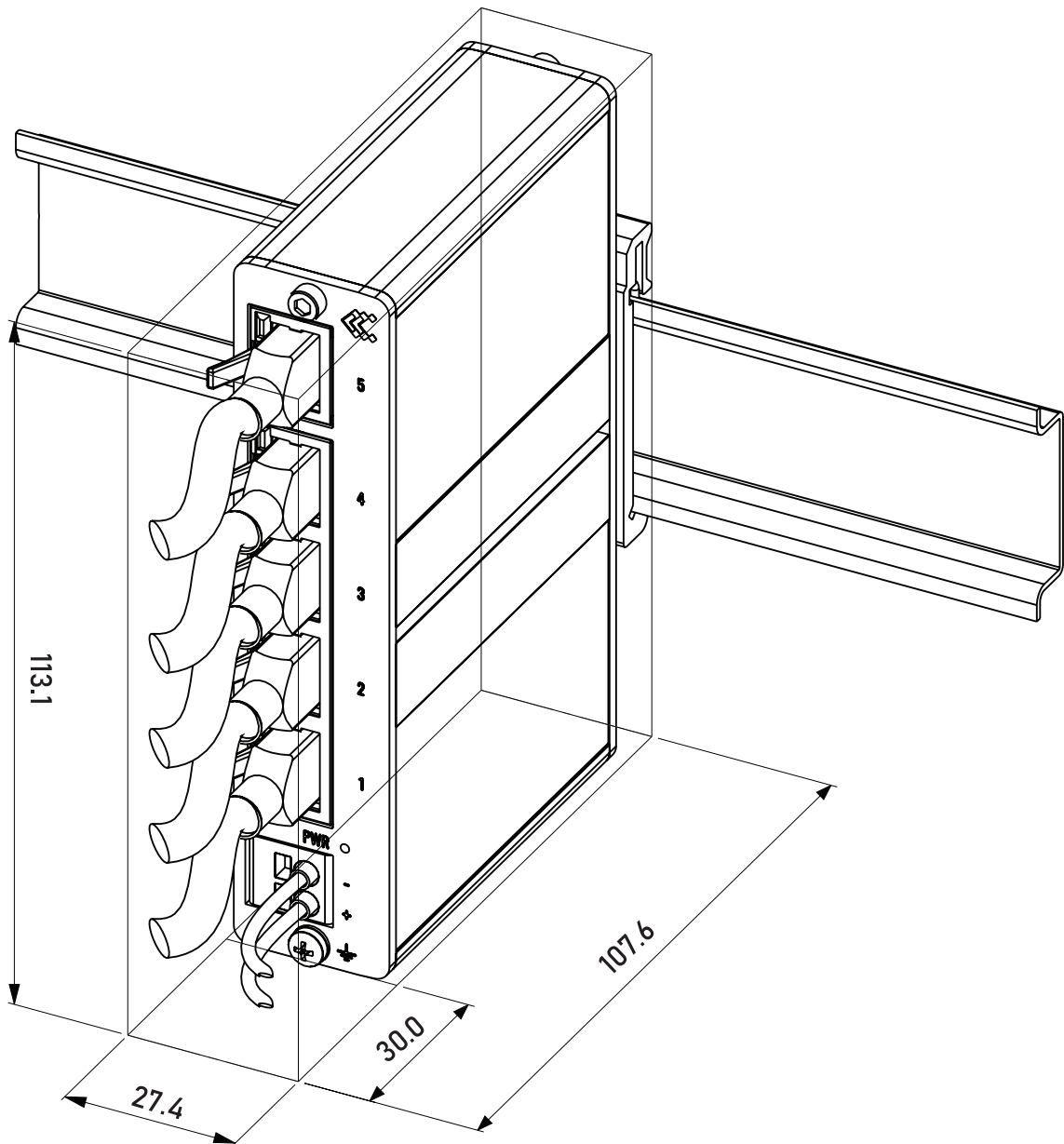
MOUNTING SPACE REQUIREMENTS

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

107.6

DIN RAIL

The scheme below depicts protrusion measurements of an attached DIN Rail:

Mouser Electronics

Authorized Distributor

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