

ME28.3W DIN Serial to Ethernet/Wi-Fi Converter



General Description

The ME28.3W DIN Serial to Ethernet/Wi-Fi converter is a standalone DIN rail mountable unit that can provide Ethernet/Wi-Fi connectivity to any energy meter that has a serial (RS232/RS485) port.



Software

Configuration Done via PC Software or Cellphone App.

Connection Diagram

Connections



Features

- Serial device server
- RS232 and RS485 interfaces
- Configuration via Wi-Fi / Ethernet
- Over the air Firmware Upgrade
- Modbus RTU & TCP
- MQTT

Specification

■ Housing

Purpose made plastic carrier (fits on DIN rail):
122 x 88 x 43 mm

■ Connections

Data: Shared RS232/RS485 – RJ12
Isolated RS485 – RJ12 (Optional)
Ethernet – RJ45
Wi-Fi – 2.4Gz

■ Power Supply

Internal, Universal input 90 - 265 Vac
(Optional 100 - 500 Vac)

Replaceable Fuse
Surge Protection

- Surge Current (8/20 s) – 25kA
- Energy Absorption (2ms) – 660 J
- Power Dissipation – 1,2 W

■ Temperature range

-40 to +85 Degrees Celsius

PWR:

1. L
2. N

RS232 Shared RS485 Non-Isolated:

1. Tx OUT (RS232)
2. Rx IN (RS232)
3. A (Non-Isolated RS485)
4. B (Non-Isolated RS485)
5. Ground (RS232 & RS485)
6. +12V Vdc (RS232 Input Voltage)

RS485 Isolated(optional):

1. A
2. B
3. C
4. C
5. B
6. A