



ND Metering Solutions Rail 300 with Modbus - Summary Sheet

Summary

The 300 series of meters are the entry level 3 phase meter by ND Metering Solutions. The Rail 300 is a 6 module wide CT operated, DIN Rail mounted electricity meter which also has programmable VT input. The standard build is for a 5 Amp CT input, however a 1 amp input model can be ordered upon request.

The ND Metering Solutions series of meters are the only range on the market that are manufactured in the UK and come with a 5-year warranty.

The simple display on the meter shows Power (W) and Energy (kWh) to an accuracy better than class 1.

The Rail 300 comes with RS485 Modbus and a volt free kWh pulse output as standard, which has a configurable duration and rate.

N.B. This meter can be pre-wired into a DIN-Rail enclosure. [Click here](#) to see our full range of Enclosures, or [click here](#) to find out more about our Pre-Wiring Service.

Product Code

TPNRAIL300M

Meter Type

Three Phase

Fitting Type

DIN Rail

Max Current (Amps)

5

MID Approved

No

Smart

No

Input Type

Current Transformer

Output Type

RS485 Modbus & Pulse

Tariffs

Single

Import / Export

Import Only

Module Width

6

Availability

Next Day

Condition

New

Brand

ND Metering Solutions

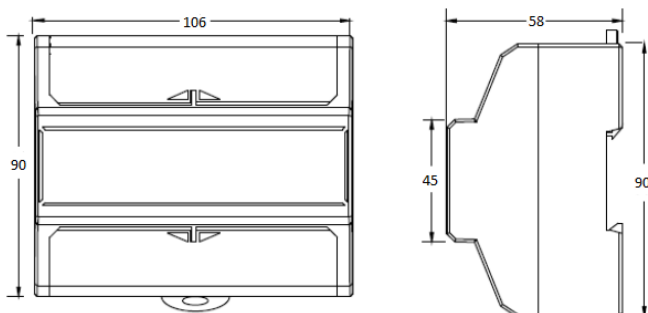
Country of Manufacture

UK

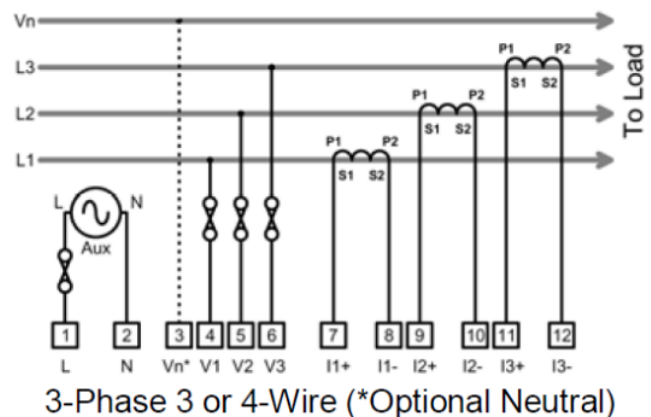
Measured Parameters

Active Energy (kWh)	✓	Line Power Factor (PF)	✗
Active Power (W)	✓	Line Reactive Power (kVAR)	✗
Apparent Energy (kVAh)	✗	Line to Line Voltage (V)	✗
Apparent Power (VA)	✗	Line to Neutral Voltage (V)	✗
Average Current (I)	✗	Maximum Current (I)	✗
Average Power Demands (W)	✗	Maximum Power Demands (W)	✗
Average Voltage (V)	✗	Maximum Voltage (V)	✗
Current (I)	✗	Power Factor (PF)	✗
Current in Neutral (I)	✗	Reactive Energy (kVAh)	✗
Frequency (Hz)	✗	Reactive Power (VAR)	✗
Hours Run (hr)	✗	Total Harmonic Distortion (Amps)	✗
Line Active Power (W)	✗	Total Harmonic Distortion (Volts)	✗
Line Apparent Power (kVA)	✗	Voltage (V)	✗
Line Current (I)	✗		

Dimensions



Wiring Diagram



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