ND Metering Solutions Cube 350V IP - Summary Sheet

Summary

The 350 series of meters are the mid-range of meters from ND Metering Solutions. The Cube 350 is a 96x96mm, CT operated, panel mounted electricity meter which also has programmable VT input. Note the standard build is for a Current Transformer with a 0.333V output.

The IP meter is a standard Ethernet TCP/IP component designed for inclusion in industrial and office Ethernet networks. Depending on the hardware and settings of the network, access to the meter may be made within the local intranet or over a wider area network such as the World Wide Web via the integrated CAT5 socket.

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.

This meter displays individual phase and total Active Power (W); Active Energy (kWh) is recorded to an accuracy better than class 1 and Reactive Energy (kVArh) better than class 2. It includes a resettable hours run counter (hr) and displays Frequency (Hz) In addition, to measuring Power Factor (pf) for each phase and the sum of all phases. Finally, it records Live to Live and Live to Neutral Voltage (V) and Current (I) on each phase. The THD add on includes Total Harmonic Distortion for Volts and Current on individual harmonics between the 2nd and 15th.

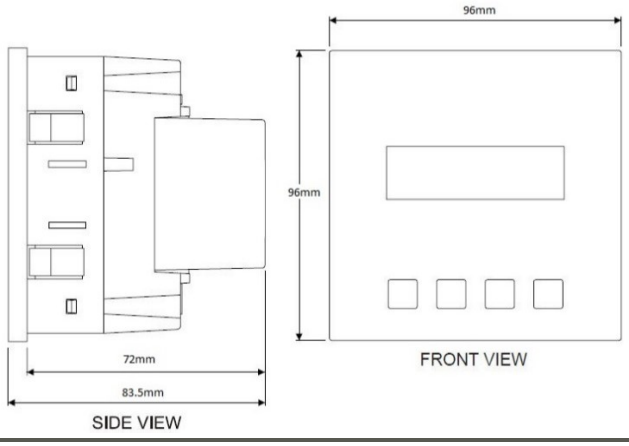
This meter comes with RS485 Modbus and 2 pulse outputs for kWh and kVArh; both are configurable for both duration and rate.

Product Code	**TPNCUBE350VIP**
Meter Type	**Three Phase**
Fitting Type	**Panel Mounted**
Max Current (Amps)	**n/a**
MID Approved	**No**
Smart	**No**
Input Type	**Current Transformer (0.333V)**
Output Type	**TCP/IP, RS485 Modbus & Pulse**
Tariffs	**Single**
Import / Export	**Import Only**
Availability	**5 Day**
Condition	**New**
Brand	**ND Metering Solutions**
Country of Manufacture	**UK**

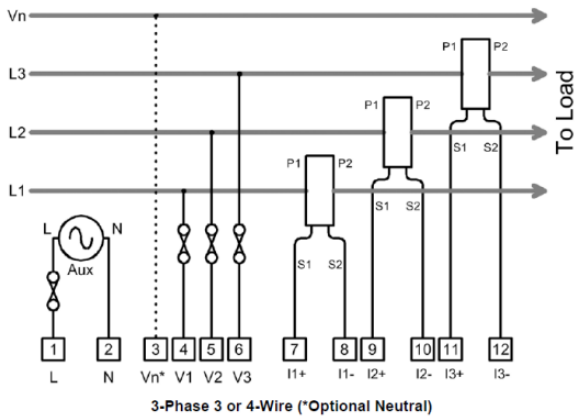
Measured Parameters

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 (kVArh)	✓
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



3-Phase 3 or 4-Wire (*Optional Neutral)

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