



ABB B24 Steel - Summary Sheet

The CT operated B24 Steel is manufactured by ABB, one of Europe's leading meter manufacturers. Intuitive and easy to use, this DIN Rail meter is MID approved making it suitable for billing applications.

It measures Active Energy (kWh) to within 1% accuracy as well as displaying Active Power (W), Current (I), Frequency (Hz), Power Factor (PF) & Voltage (V).

The easy read backlit display indicates incorrect phase orientation and the exceptionally low power consumption makes them economical, particularly for large meter installations.

Offering a configurable pulse output as standard, we also range models with Modbus & Mbus outputs and the bronze, silver, gold and platinum series from ABB are available to order on request.

Specification

Meter Type	Three Phase
Fitting Type	DIN Rail
Max. Current (Amps)	6
MID Approved	Yes
Smart	No
Input Type	Current Transformer
Output Type	Pulse / Modbus / Mbus *
Tariffs	Single
Import / Export	Import Only
Module Width	4
Availability	See Model Variants

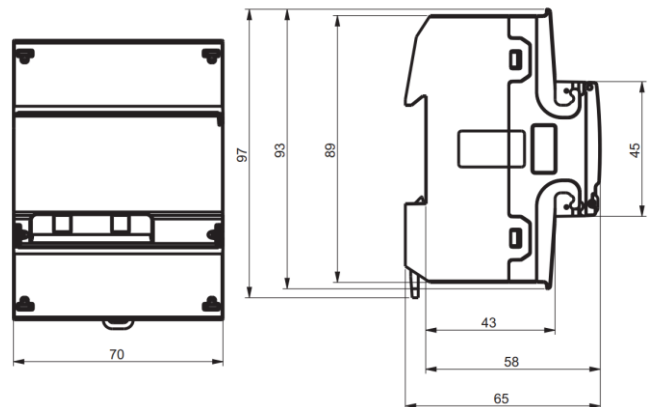
* Dependant on model selected

Model Variants

TPDABB241	Pulse Output
TPDABB242	Modbus & Pulse Output
TPDABB243 *	Mbus & Pulse Output

* Available next working day

Dimensions

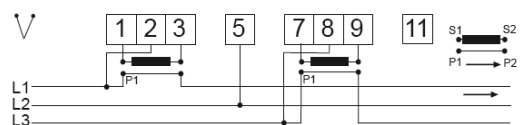


Measured Parameters

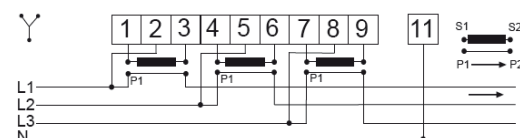
Active Energy (kWh)	✓	Line Power Factor (PF)	✗
Active Power (W)	✓	Line Reactive Power (kVAr)	✗
Apparent Energy (kVAh)	✗	Line to Line Voltage (V)	✗
Apparent Power (VA)	✗	Line to Neutral Voltage (V)	✗
Average Current (I)	✗	Maximum Current (I)	✗
Average Power Demands (W)	✗	Maximum Power Demands (W)	✗
Average 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)	✗		

Wiring Diagram

3 wire connection, 2 elements



4 wire connection, 3 elements



Web: www.spwales.com | Email: sales@spwales.com | Phone: 01803 295430 | Fax: 01803 212819

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