S. P. Wales Ltd
Electrical Metering Specialists

ABB A41 Steel - Summary Sheet

This entry level single phase meter in the ABB A41 range is 4 modules wide and can be mounted on DIN Rail. Supporting up to an 80 Amp load this direct connect meter is MID approved meter, making it suitable for billing applications.

It has a host of available parameters to read, including Energy (kWh), Current (I), Voltage (V), Frequency (Hz), Power Factor (pf) and Active Power (W).

It features a Pulse Output as standard that can be used to log kWh readings or as an alarm (which is easily configurable on the meter) connected by a relay. In addition, Modbus or Mbus Output models are available which may be used to connect to a variety of BMS or EMS systems. It can also be used to communicate through the ABB G13 Ethernet Gateway for remote reading of a network of meters.

Specification

Meter Type	Single Phase
Fitting Type	DIN Rail
Max. Current (Amps)	80
MID Approved	Yes
Smart	No
Input Type	Direct Connect
Output Type	Pulse / Modbus / Mbus *
Tariffs	Single
Import / Export	Import Only
Module Width	4
Availability	See Model Variants

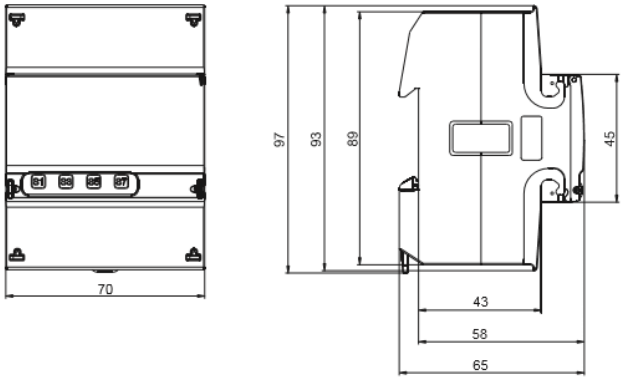
* Dependant on model selected

Model Variants

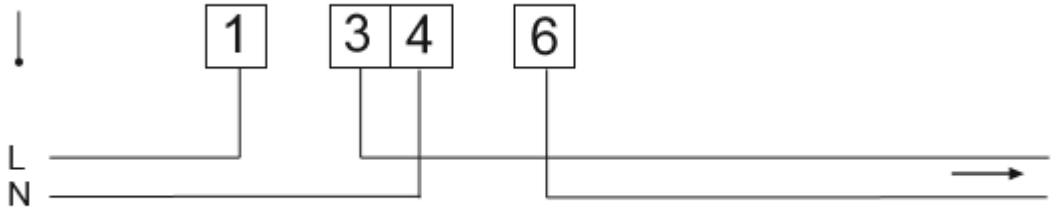
SPDABA411 *	Pulse Output
SPDABA412	Modbus & Pulse Output
SPDABA413	Mbus & Pulse Output

* Available next working day

Dimensions



Wiring Diagram



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