



Stephen P. Wales Ltd

Electrical Metering Specialists



Voltaris VDT45M Metering Kit in IP66 Enclosure - Summary Sheet

Our three phase DIN rail metering kit is built for fast and easy installation and is ideal for retrofit applications. The compact enclosure has multiple knock-outs for access from the top & bottom, and our meter engineers pre-fit the required CT links, voltage reference and earthing with clear labelling.

This kit is supplied with the Voltaris VDT45M. This CT operated DIN Rail meter is for use with three phase supplies and measures electrical parameters including Current (I), Voltage (V), Power (kW/KVA/KVAR), Power Factor (PF), Frequency (Hz), Imported, Exported and Total Energy (kWh/kVArh).

It's MID approved, allowing it to be used for billing applications and is highly accurate, (Class C, $\pm 0.5\%$). With both a Pulse Output and RS485 Modbus RTU it can be integrated with BMS or remote monitoring systems.

We recommend installing this kit with our split core CT's that simply clip around the supplies, saving time and disruption. You can select CT's appropriate for your circuit with 24mm & 36mm apertures available covering loads of 100A to 400A.

Can't find a meter or CT to suit your requirements, contact our friendly sales teams who will be happy to put together a bespoke quotation.

What's included?

- 1 x Voltaris VDT45M
- 1 x IP66 9 Module DIN Rail Enclosure
- CT links, voltage reference and earthing terminals
- 1m of 1.5mm stranded blue, brown, black & grey cable
- 1m of 2.5mm stranded earth cable

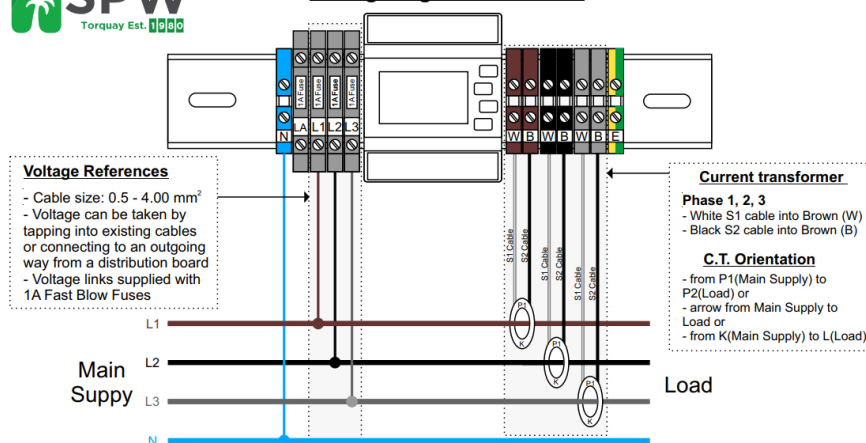
A set of 3 CT's is required in addition to this kit and the meter will be programmed to match the appropriate ratio prior to dispatch.

Product Code	MKDVO45
Power Supply	Three Phase
MID Approved	Yes
Smart	No
Output Type	Pulse / Modbus
Tariffs	Single
Import / Export	Import & Export
Availability	Next Day

Wiring Guide



Wiring Diagram MKDVO45



Current Transformer Options

Part Code *	Ratio	Aperture
3CT100T24	100/5	24mm
3CT100T36	100/5	36mm
3CT150T24	150/5	24mm
3CT150T36	150/5	36mm
3CT200T24	200/5	24mm
3CT200T36	200/5	36mm
3CT250T24	250/5	24mm
3CT250T36	250/5	36mm
3CT300T24	300/5	24mm
3CT300T36	300/5	36mm
3CT400T36	400/5	36mm

* Set of 3 Split Core CT's

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

While Stephen P Wales Ltd has made every reasonable effort to ensure the accuracy of this information, Stephen P Wales Ltd does not guarantee that it is error-free, nor does Stephen P Wales Ltd make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. Stephen P Wales Ltd reserves the right to make any adjustments to the information contained herein at any time without notice.