Vantor VM-C15M

Single Phase DIN Rail Energy Meter, CT Operated, RS485 Modbus

Vantor VM-C15M single-phase CT-operated DIN rail energy meter with RS485 Modbus RTU. Connects through an external 1A/5A (or mV/mA) current transformer for high-current single-phase circuits, with bi-directional import/export metering in a 1-module housing.



Key specifications

- Class 0.5 active energy, Class 2 reactive (IEC 62053-21/22)
- 1P2W, 230V AC (176–276V), 45–65Hz
- CT input 1A/5A (default) or 100mA/mV optional; primary 1–9999A programmable
- Bi-directional: import/export active and reactive energy
- Multifunction: V, A, W, var, VA, kWh, kvarh, PF, frequency
- 4 tariffs, 8 time segments; monthly and daily energy statistics
- RS485 Modbus RTU / DL/T645-2007, 1200–19200bps
- Configurable pulse output (open collector), 5–27V DC
- Backlit LCD with touch buttons, password protection
- 1 module (18mm) TH35-7.5 DIN rail, IP51 display / IP30 body
- –25°C to +55°C operating, 4kV AC insulation, CAT III
- CT sold separately — see Vantor VM-CT split-core CTs

Ordering information

Order code	Description
VM-C15M	Single Phase DIN Rail Energy Meter, CT Operated, RS485 Modbus