Vantor VM-T55M

Three Phase DIN Rail Energy Meter, CT Operated, THD, RS485

Vantor VM-T55M MID-approved three-phase CT-operated DIN rail energy meter with RS485 Modbus RTU, THD measurement and dual power supply. Connects through external 1A/5A (or mV/mA) CTs for bulk and check metering on 1P2W, 2P3W, 3P3W and 3P4W networks.



Key specifications

- MID approved, Class 0.5 active / Class 2 reactive (IEC 62053-21/22)
- 3×230/400V AC (30–300V L-N, 30–500V L-L), 45–65Hz; PT input up to 500kV
- CT input 1A/5A (default) or 100mA/mV optional; primary 1–9999A programmable
- 1P2W / 2P3W / 3P3W / 3P4W network configurations
- Bi-directional import/export active and reactive energy, four-quadrant
- Voltage and current THD measurement
- CT reverse-connect correction function
- 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, 1200–38400bps
- 1 configurable pulse output
- Dual sources: regular and auxiliary supply 80–300V AC / 100–420V DC
- Large backlit LCD with touch buttons, password protection
- 4 modules (72mm) TH35-7.5 DIN rail, IP51 display / IP30 body
- CTs sold separately — see Vantor VM-CT split-core CTs

Ordering information

Order code	Description
VM-T55M	Three Phase DIN Rail Energy Meter, CT Operated, THD, RS485