Vantor VM-T55M-TCP

Three Phase DIN Rail Meter, CT Operated, Modbus TCP

Vantor VM-T55M-TCP MID-approved three-phase CT-operated DIN rail energy meter with both Ethernet Modbus TCP and RS485 Modbus RTU. Plug it straight into the building network for SCADA, BMS or the UtilityPal platform, and use it as a TCP-to-RTU gateway for other meters on its RS485 bus.



Key specifications

- Ethernet 10/100M Base-T, Modbus TCP auto response; usable as TCP-to-RTU gateway
- RS485 Modbus RTU / DL/T645-2007, 1200–38400bps
- 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
- 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-TCP	Three Phase DIN Rail Meter, CT Operated, Modbus TCP