Vantor VM-37

Three Phase DIN Rail Meter + CT / Rogowski Kit

This listing is the Vantor VM-37 three-phase DIN-rail smart power meter supplied as a complete measuring set: the meter plus three matched split-core CTs (5 A, 100 A, 400 A or 800 A) or three flexible Rogowski coils (200 A to 2500 A). Everything arrives ready to clip around the busbars or cables, so retrofitting sub-metering to an existing board takes minutes without breaking the conductors. The VM-37 measures all three-phase parameters, four-quadrant energy, run time and harmonics to the 31st order, with RS485 Modbus RTU standard and LoRa, 4G or Wi-Fi communication available as options. For the bare meter with communication options see our standard VM-37 listing.

Packed and sold in boxes of 10.



Key Features

- Complete kit: VM-37 meter + 3 split-core CTs or 3 Rogowski coils
- CT kits: 5 A (16 mm), 100 A (16 mm), 400 A (22 mm) or 800 A (36 mm) window
- Rogowski kits: 200 A (50 mm), 600 A (80 mm), 1000 A (150 mm), 2000 A (200 mm) or 2500 A (300 mm) aperture, 2 - 3 m lead
- Class 0.5S active energy; U/I within 0.2%
- Four-quadrant energy, multi-tariff, demand, max/min, run time, 2nd - 31st harmonics
- RS485 Modbus RTU standard; LoRa, 4G or Wi-Fi option (one per meter); dual-source, DI/DO, residual-current and temperature options
- LCD display, 35 mm DIN-rail mounting
- Wide-range supply 85 - 305 V AC / 70 - 430 V DC

Technical Specifications

- Model: VM-37 meter supplied as a set with 3 CTs or 3 Rogowski coils (select below)
- Accuracy: active energy Class 0.5S; U/I +/-0.2%
- Voltage: 3 x 220/380 V rated (57.7/100 and 380/660 V options)
- Current: via supplied CTs (5 A secondary) or Rogowski coils; programmable ratio
- Harmonics: 2nd - 31st
- Communication: RS485 Modbus RTU; optional LoRa (-L), 4G (-4G) or Wi-Fi (-Wi)
- I/O: 4 DI, 2 DO standard; options for residual current (LD45/LD100/LD200), 4-wire temperature, 24 V backup
- Mounting: 35 mm DIN rail
- Auxiliary supply: 85 - 305 V AC / 70 - 430 V DC, < 3 VA

Optional add-ons for the kits: LoRaGWi-Fidual-source measurementextra 2 DOextra 4 DIresidual current LD45 / LD100 / LD200//-wire temperature sensorV backup supply(not with Rogowski coils). Please state the option codes on your order.

Ordering information

Order code	Description
VM-37-W	VM-37-W - meter + 3 x 5 A CTs
VM-37-W100	VM-37-W100 - meter + 3 x 100 A CTs (16 mm)
VM-37-W400	VM-37-W400 - meter + 3 x 400 A CTs (22 mm)
VM-37-W800	VM-37-W800 - meter + 3 x 800 A CTs (36 mm)
VM-37-R200	VM-37-R200 - meter + 3 x 200 A Rogowski (50 mm)
VM-37-R600	VM-37-R600 - meter + 3 x 600 A Rogowski (80 mm)
VM-37-R1000	VM-37-R1000 - meter + 3 x 1000 A Rogowski (150 mm)
VM-37-R2000	VM-37-R2000 - meter + 3 x 2000 A Rogowski (200 mm)
VM-37-R2500	VM-37-R2500 - meter + 3 x 2500 A Rogowski (300 mm)