Vantor VM-73

Multifunction Power Meter 0.5S, 51st Harmonic

The Vantor VM-73 is a 96 x 96 mm panel-mount multifunction power meter for distribution boards, generator panels and plant rooms. It measures all three-phase electrical parameters and four-quadrant energy to Class 0.5S, analyses harmonics to the 51st order with THD, and logs unbalance, fluctuation, flicker, sags and swells, with four tariffs and demand. Versions A, B and C add 4 DI / 4 DO, a PT100 temperature input or a 4-20 mA analogue output; RS485 Modbus RTU is standard.

Packed and sold in boxes of 10.



Key Features

- Class 0.5S active energy and power, 0.2 voltage and current accuracy
- Harmonics 2nd - 51st with THD; unbalance, fluctuation, flicker, swell and dip records
- Four-quadrant energy, 4 tariffs and maximum demand
- RS485 Modbus RTU standard; optional Profibus-DP or second Modbus loop
- VM-73A adds 4 DI and 4 relay DO; VM-73B adds PT100 temperature input; VM-73C adds 4-20 mA output
- Large backlit LCD, 96 x 96 mm panel mount
- Wide-range supply 85 - 305 V AC / 70 - 430 V DC

Technical Specifications

- Model: VM-73 series (select version below)
- Accuracy: U 0.2, I 0.2, active power 0.5S, active energy Class 0.5S
- Voltage: 50 - 270 V L-N / 90 - 470 V L-L; rated 57.7/100/220/380/660 V
- Current input: 5 A (1 - 6 A) standard; 1 A optional
- Harmonics: 2nd - 51st with THD
- Communication: RS485 Modbus RTU; -P Profibus-DP or -C second Modbus loop optional
- I/O: 4 DI + 4 DO (A/B/C), PT100 (B), 4-20 mA (C)
- Dimensions: 96 x 96 mm panel mount
- Auxiliary supply: 85 - 305 V AC / 70 - 430 V DC; -25 to +70 degC

Ordering information

Order code	Description
VM-73N	VM-73N - standard
VM-73A	VM-73A - with 4 DI / 4 DO
VM-73B	VM-73B - 4 DI / 4 DO + temperature input
VM-73C	VM-73C - 4 DI / 4 DO + 4-20 mA output