Vantor VM-S20P

Single Phase DIN Rail Energy Meter, 100A Direct, Pulse Output

Vantor VM-S20P MID-approved single-phase DIN rail energy meter with 100A direct connection and a configurable pulse output. Large backlit LCD with bi-directional import/export metering in a 2-module housing, for pulse-collector and building-management systems that do not need a serial bus.



Key specifications

- MID approved (EN 50470-3:2022)
- Class 0.5 active energy (IEC 62053-21/22, IEC 61557-12)
- 1P2W, 230V AC (176–276V), 45–65Hz
- 0.15–100A direct input, rated 5A, 30× overload for 0.01s
- Bi-directional: import/export active energy, plus resettable registers
- Multifunction: V, A, W, kWh, PF, frequency
- Configurable pulse output (open collector) — 1000 / 100 / 10 / 1 imp/kWh, 60 / 100 / 200ms width, import / export / total
- Pulse LED 1000 imp/kWh, Class A to IEC 62053-31
- Large backlit LCD with touch buttons, password protection
- 2 modules (36mm) TH35-7.5 DIN rail, IP51 display / IP30 body
- –25°C to +55°C operating, 4kV AC insulation, CAT III
- No RS485 — for Modbus RTU choose the VM-S20M or VM-S20MT

Ordering information

Order code	Description
VM-S20P	Single Phase DIN Rail Energy Meter, 100A Direct, Pulse Output