

Code: MEW-01/MRP

ELECTRIC ENERGY MONITOR **MEW-01/MRP** THREE-PHASE ZAMEL

Three-phase electric energy monitor. The MEW-01/MRP is a three-phase and two-way monitor, so it is suitable for monitoring both energy consumed and fed into the power grid.

The MEW-01/MRP device is designed to mount on DIN TS-35 rail.

Attention! Current transformers must be purchased separately for the monitor.



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| Support: | SUPLA |
| Device type: | Electric Energy Monitor, Three-phase |
| Wireless: | Wi-Fi, 2.4 GHz - IEEE 802.11 b/g/n |
| Rated voltage: | 3 x 230 V / 400 V AC, 50 / 60 Hz |
| Voltage tolerance: | -20 % ... 15 % |
| Measurement unit: | kWh |
| Measurement method: | Semi-indirect measurement using an current transformer |
| LCD display: | — |
| RS-485 ports: | — |
| Connectors type: | screw terminals max. 2.5 mm ² |
| Mobile phones support: | The SUPLA free application on Android The SUPLA free application on iOS |

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| Measured parameters: | <ul style="list-style-type: none"> • frequency • Voltage • Current • Nominal power • Reactive power • Apparent Power • Power factor • Phase angle • Active power consumed • Active power returned • Reactive power consumed • Reactive power returned |
| Main features: | <ul style="list-style-type: none"> • Control from a Web browser • Data export in ".csv", ".ods", ".xlsx", ".html" formats • Working with Home Assistant, Grafana, Zabbix, Power BI • Compliance with the MQTT protocol • Two-way monitor • Monitoring of voltage spikes • LED indication • Possibility to manually program scenarios from the built-in API • Possibility of integration with external software • The external SMA RP connector allows to move the antenna outside the distribution board • LED indication of voltage on each phase |
| Housing: | Plastic, DIN, TS-35 rail mounting |
| "Index of Protection": | IP20 |
| Operation temp: | -10 °C ... 55 °C |
| Width in 17.5 mm modules: | 2 |
| Weight: | 0.1 kg |
| Dimensions: | 90 x 82 x 35 mm |
| Manufacturer / Brand: | ZAMEL |
| Guarantee: | 2 years |