

Code: MEW-01/1F

ELECTRIC ENERGY MONITOR **MEW-01/1F** SUPLA ONE-PHASE ZAMEL

The MEW-01/1F is a three-phase and two-way monitor, so it is suitable for monitoring both energy consumed and fed into the power grid.

Attention! The device can operate as a three-phase monitor after purchasing additional transformers.

The MEW-01/1F device is designed to mount on DIN TS-35 rail.



Support:	SUPLA
Device type:	Electric Energy Monitor, One-phase / Three-phase
Wireless:	Wi-Fi, 2.4 GHz - IEEE 802.11 b/g/n
Rated voltage:	230 V / 400 V AC, 50 / 60 Hz
Voltage tolerance:	-20 % ... 15 %
Measurement unit:	kWh
Measurement method:	Semi-indirect measurement using an current transformer - 1 pcs included
Current:	100 A - Max. current
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



DATA SHEET

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
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 84 x 35 mm
Manufacturer / Brand:	ZAMEL
Guarantee:	2 years