

Code: MEW-01/LITE

ELECTRIC ENERGY MONITOR **MEW-01/LITE** SUPLA THREE-PHASE ZAMEL

Three-phase electric energy monitor. The MEW-01/LITE 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/LITE device is designed to mount on DIN TS-35 rail.



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 - 3 pcs
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
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



DATA SHEET

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
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:	0.091 kg
Dimensions:	90 x 62 x 35 mm
Manufacturer / Brand:	ZAMEL
Guarantee:	2 years