

Code: LEW-01

ELECTRIC ENERGY MONITOR **LEW-01** SUPLA ONE-PHASE ZAMEL

Single-phase electric energy monitor. This monitor performs two-way direct measurement making it suitable for use on both lighting and socket circuits of significant power or on single-phase photovoltaic installations.

The LEW-01 device is designed to mount on DIN TS-35 rail.



Support:	SUPLA
Device type:	Electric Energy Monitor, One-phase
Wireless:	Wi-Fi, 2.4 GHz - IEEE 802.11 b/g/n
Rated voltage:	230 V AC, 50 / 60 Hz
Measurement unit:	kWh
Measurement method:	Direct measurement
Current:	16 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:	• 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:	• 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 - also suitable for single-phase photovoltaic installations • Monitoring of voltage spikes • LED indication • Possibility to manually program scenarios from the built-in API
Housing:	Plastic, DIN, TS-35 rail mounting
"Index of Protection":	IP20
Operation temp:	-10 °C ... 55 °C
Width in 17.5 mm modules:	1
Weight:	0.05 kg
Dimensions:	90 x 66 x 17.5 mm
Manufacturer / Brand:	ZAMEL
Guarantee:	2 years