

## Alpha IP Pluggable Switch and Meter – PSM 21001-N1

The compact Alpha IP Schalt-Mess-Steckdose allows the comfortable switching of connected devices via radio and at the same time the registration, evaluation, and system introduction of energy consumption data of connected consumers.

E. g. electric heaters are integrated into the Alpha IP room climate solution and controlled by the electronic wall thermostat of the system. The power input and the energy consumption of the connected consumer are registered and can be evaluated with the Alpha IP smartphone app.

Thanks to the compact construction, no switches or other power outlets are blocked in multiple socket strips.



### 1.1 Product characteristics

- Enables the switching of connected devices, e. g. electric heaters, as well as the metering of power and energy consumption
- Energy consumption is displayed via the Alpha IP smartphone app
- Thanks to the high measuring accuracy, also standby loads can be measured precisely
- Manual operation: Connected devices can be switched on and off also directly on the device
- Low standby power consumption
- Thanks to the compact design, the pluggable switch and meter does not block any surrounding sockets

### 1.2 Scope of supply

- Alpha IP Pluggable Switch and Meter
- Operating Instructions

## 2 Technical data

Supply voltage	230 V/50 Hz
Power consumption	max. 16 A
Standby power consumption	< 0.3 W
Max. switching power	3680 W
Measuring accuracy (power)	Measuring range: 0 to 3680 W Resolution: 0.01 W Accuracy: 1 % ± 0.03 W
Load type	resistive load
Protection type	IP20
Ambient temperature	-10 to +35 °C
Dimensions (W x H x D)	70 x 70 x 39 mm (not including mains plug)
Weight	154 g
Radio frequency	868.3 MHz/869.525 MHz
Typical radio free-field range	400 m
Packaging dimensions:	122 x 112 x 97 mm