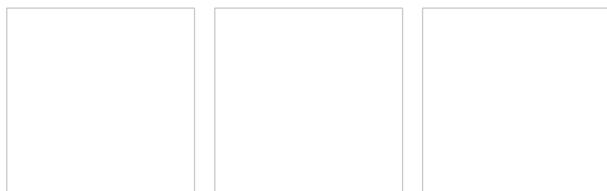


Standby-Energy-Monitor SEM 16+



Description

- Instrument to determine electrical values
- 2-digit display for measured values
- Operation with 3 function buttons
- Measuring safe up to 3680W
- Precision class 1 in accordance with IEC 1036
- Measuring and memory values remain without power
- Plug for earthed receptacles with protection contact
- Optional with plug of other countries

Measuring values

- Energy consumption in kWh with three decimal places
- Costs with three decimal places
- Min. power in W with one decimal place
- Max. power in W with one decimal place
- Current power in W with two decimal places
- Current in A with three decimal places
- Current voltage in V with one decimal place
- Equivalent CO₂ consumption in kg with three decimal places
- Frequency in Hz without decimal place
- Idle power in Var with one decimal place
- Apparent power in VA with one decimal place
- Phase shift in angle without decimal places
- Power factor cos phi with two decimal places

Functions

The SEM16+ is a measuring device to determine the electrical energy consumption costs for individual electrical equipment in your household. The SEM 16+ starts automatically a 24h measuring period after the unit to be tested has been plugged in. After completion of the measuring period the energy consumption and the energy costs for the period will be displayed. The period of measuring can be changed to 1-7-or-30-days and manually started and stopped. The price for each unit can be entered with three right hand digit positions. During and after completion of measuring the results of power, costs per year, energy consumption, costs and equivalent CO₂ consumption at the measuring period, voltage, frequency, current, idle power, apparent power, phase shift, power factor, min. and max. power can be called.



Tested predecessor SEM 16

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Technical Data	SEM 16+
Voltage (U)	230 V; +/-10%
Current (I)	16 A
Frequency (f)	50/60 Hz
Measuring range (P)	0,1 - 3680 W
Precision	1 %; +/- 1 Digit
Self consumption (Pe)	1 W
Temperatur ranges (Tr)	0 ... +45° C
Protection class	IP 20
Dimensions (W x H x D)	138 x 70 x 57 mm
Weight	0,2 kg

