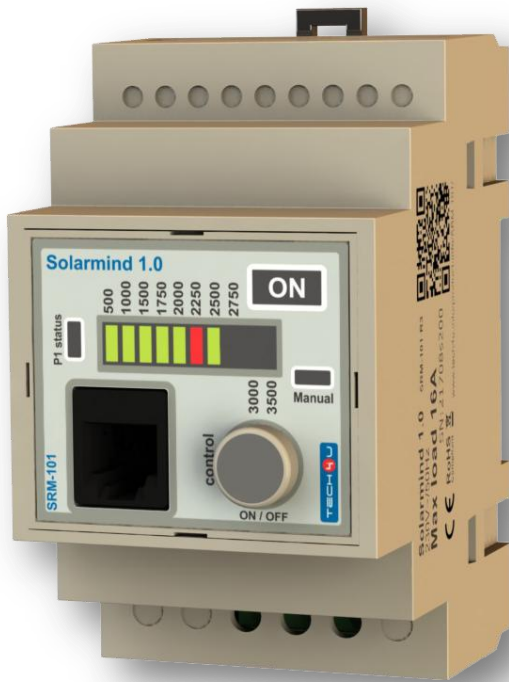


Solarmind 1.0

SRM-101

Smart relay



Key features:

- 1** Switches ON when produced electricity reaches a user defined level.
- 2** Switches OFF when electricity production stops..
- 3** Setup range: from 500 W to 3,500 W
- 4** Compatible with DSMR 2.2, DSMR 4.0, DSMR 4.2 and DSMR 5.0
- 5** Equipped with manual ON/OFF button.
- 6** Resistive load: up to 16A.
- 7** Electrical life: > 5 years (at 100 cycles per day).
- 8** Potential-free output.

Description:

The Solarmind 1.0 relay is designed to switch on a connected electric device (load), when the electricity returned to the net reaches user defined level.

The device receives information about the energy production from the Smart Meter via the P1 port interface and switches its relay automatically.

The threshold of when the device turns on, can be set between 500W and 3,500W.

Manual switching is also possible via the ON/OFF button.

The main use of Solarmind 1.0 is with devices such as “electric boilers”, “electric heating systems”, “deep freezers” and “power walls”.

Technical specification:

Compatible with Smart Meter standards:	DSMR 2.2, DSMR 4.0, DSMR 4.2, DSMR 5.0
Installation:	DIN-RAIL, 35 mm
Operating voltage:	100 - 240 V/AC, 50/60 Hz
Power input:	max: 25 mA
Power consumption:	max: 1.5 W
Rated switching voltage:	250 V/AC
Max switching voltage:	440 V/AC
Rated load (capacity) AC1	16 A / 250 V AC
Rated load (capacity) AC3	750 W (single-phase motor)
Rated current	16 A
Max. inrush current	30 A
Electrical life (number of switching cycles):	>0.7 x 10 ⁵ (at 16 A, 250 V/AC)
Recommended external overcurrent circuit breaker:	B16A, 250 V (for resistive load)
Required wire end sleeves:	2,5 mm ²
Operating temperature:	+5 to +40°C
Storage temperature:	-10 to +60°C
Air humidity:	Max. 90% rel. humidity, non-condensing
Dimensions:	120 x 86 x 52,5 mm
Weight:	195 g
Warranty:	2 years

More info:

More info about this product, PC application and the latest documentation can be found on the following web page:

<http://www.tech4u.info/product-info/SRM-101/>



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