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## OM-2 POWER CONSUMPTION LIMITER

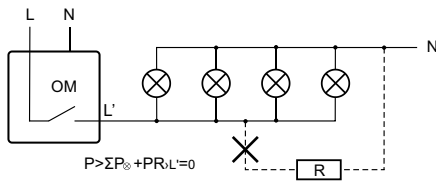


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F&F products are covered by a 24 months warranty from date of purchase

### PURPOSE

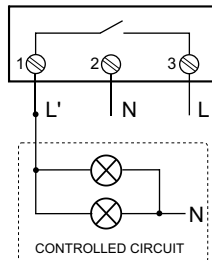
Power consumption limiters are devised for the automatic disconnection of power from the circuit of single-phase wiring systems once the rated power consumption of the receivers incorporated into the system is exceeded.



### TECHNICAL DATA

supply	230V AC
current load	<16A
activation threshold - to set	200÷2000VA
delay activation	1,5÷2sec
recovery hysteresis	2%
power supply return - to set	4÷150sec
power consumption	0,8W
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	50×67×26mm
fixing	two screws to substrate

### WIRING DIAGRAM



### FUNCTIONING

The limiter enables the user to supply power to the circuit if the total consumed power applied to the receivers constituting the system is lower than the preset value on the limiter's scale. Once the rated power consumption threshold in the controlled circuit is exceeded, the element is automatically disconnected from the power source. The supply is reinstated automatically once the 30 sec. If the value of power consumption remains over the rated input, the power supply to the circuit is cut off again. The power consumption limiter has been equipped with a delayed activation circuit (1.5÷2sec) which prevents disconnection of the power supply in the event of momentary power consumption surges over the rated level.

### ATTENTION!

Limiter is not adapted for the protection of circuits with converters, e.g. fluorescent lamps, transformers.

### ASSEMBLY

1. Put on the limiter to substrate by two screw terminals.
2. Take OFF the power.
3. Connect supply to joints 1-3.
4. Controlled circuit connect to joint 1 (L').
5. By screwdriver set activation threshold and time of power supply return after activation the limiter.

### ATTENTION!

Recommended is use additional current care of controlled circuit (output 'L') by topic fuse gL/gG or B16.