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OM-632
POWER CONSUMPTION LIMITER

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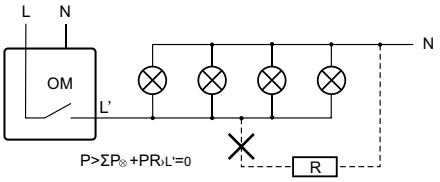
F&F products are covered by an 24 months warranty from date of purchase

PURPOSE

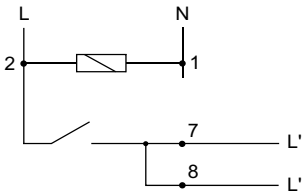
Power consumption limiters are devised for the automatic disconnection of power from the circuit of single-phase wiring systems once the rated power consumption of the receivers incorporated into the system is exceeded.



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	*10÷100sec*
power consumption	*0,8W*
connection	*screw terminals 2,5mm²*
dimensions	*3 modules (52,5mm)*
fixing	*on rail TH-35*

INPUT/OUTPUT



Description of outputs:

1 - 2 supply 230V (L - N)
7 output L'=230V AC (controlled circuit no. 1)
8 output L'=230V AC (controlled circuit no. 2)

FUNCTIONING

Supplied of the limiter is signalized by shine of green LED "U". 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.

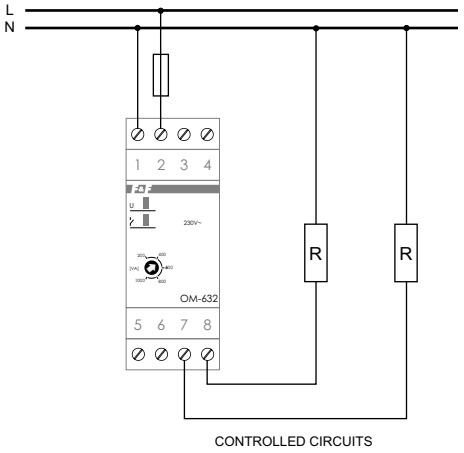
ASSEMBLY

1. Take OFF the power.
2. Put on the limiter on the rail in the switchgearbox.
3. Connect supply to joints 1-2. ***L to joint 2 and N to joint 1****.*
4. Supply of contolled circuit put out from joint 7 or 8 (L').
5. By screwdriver set activation threshold and return time.

ATTENTION!

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

WIRING DIAGRAM



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