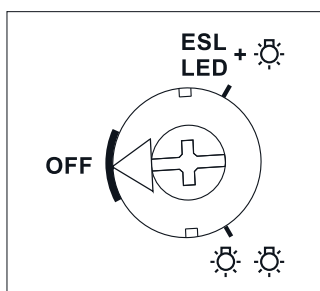




Function rotary switch



Standard setting ex works.

The switching mode **"one lamp"** (☀️) or **"additional lamps"** (☀️☀️) is set with a rotary switch on the front.

This setting must be same as the actual installation, otherwise there is a risk of destruction of the electronics.

Alternative setting for 230 V LED and ESL when the universal dimmer switch is operated in the LED or ESL comfort settings. See page 9-8.



Manuals and documents in further languages:
<http://eltako.com/redirect/LUD12-230V>

Technical data page 9-20.
Housing for operating instructions
GBA14 page 1-49 chapter 1.

LUD12-230V



Capacity enhancer for universal dimmer switches. Power MOSFET up to 400 W. Standby loss 0.1 watt only.

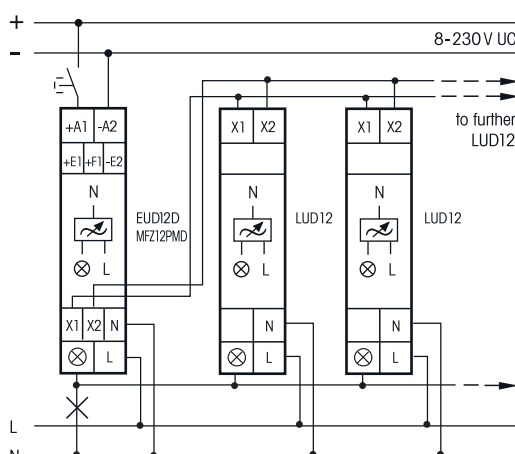
Modular device for DIN EN 60715 TH35 rail mounting. 1 module = 18 mm wide, 58 mm deep. Capacity enhancers LUD12-230V can be connected to the universal dimmer switches EUD12D, SUD12 (1-10 V input) and the multifunction time relay MFZ12PMD. By this the switching capacity for **one lamp** will be increased up to 200 W or **alternatively for additional lamps** up to 400 W per each capacity enhancer. Dimmable 230 V LED lamps and dimmable energy saving lamps are also dependent on the lamp electronics. Both switching modes for increase of capacity can be executed simultaneously. Automatic lamp detection in the "Capacity increase **with additional lamps**" setting. Supply voltage 230 V.

Automatic electronic overload protection and over-temperature switch-off.

In the mode "Increase of capacity with additional lamps" the kind of load of a capacity enhancer LUD12-230V can vary from the kind of load of the universal impulse dimmer switch.

Therefore it is possible to mix L loads and C loads.

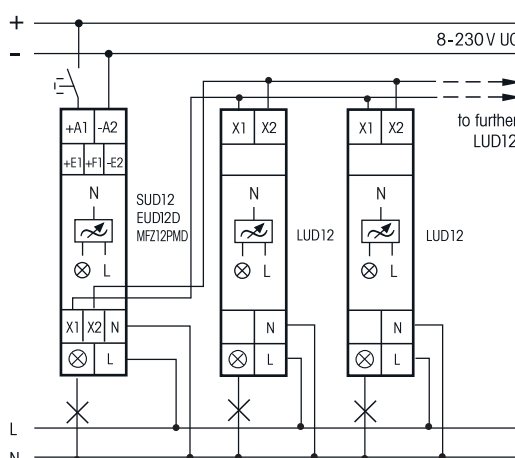
Increase of capacity for one lamp (☀️), LED and ESL see next page



EUD12D and MFZ12PMD:

1.-9. LUD12 + up to 200 W each

Increase of capacity with additional lamps (☀️☀️), LED and ESL see next page



EUD12D, SUD12 and MFZ12PMD:

1.-8. LUD12 + up to 400W each

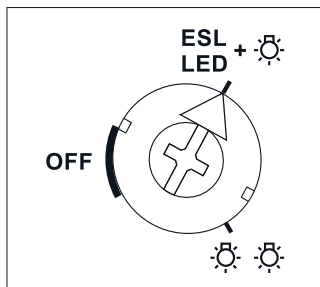
LUD12-230V	Capacity enhancer for universal dimmer switches, Power MOSFET up to 400 W	Art. No. 21100805	73,80 €/pc.
-------------------	---	--------------------------	--------------------



LUD12-230V

Capacity increase with capacity enhancer LUD12 for dimmable 230 V LED lamps and dimmable energy saving lamps ESL in the LED and ESL comfort settings.

Function rotary switch



Standard setting ex works.

This setting must be made on the front panel of 230 V LED lamps and ESL if the universal dimmer switch is operated in the LED or ESL comfort settings. Also for capacity increase with additional lamps.

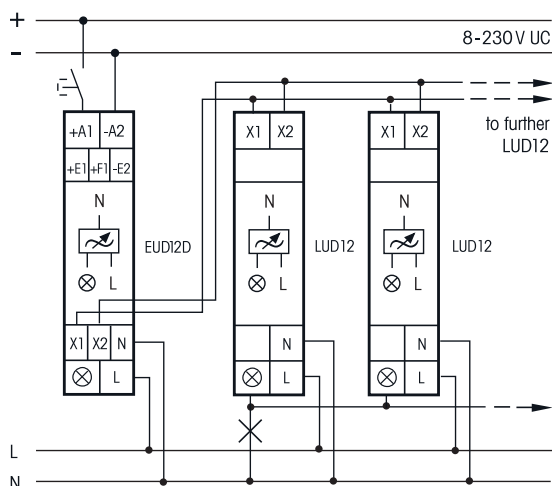
Otherwise there is a risk of destruction of the electronics.



Manuals and documents in further languages:
<http://eltako.com/redirect/LUD12-230V>

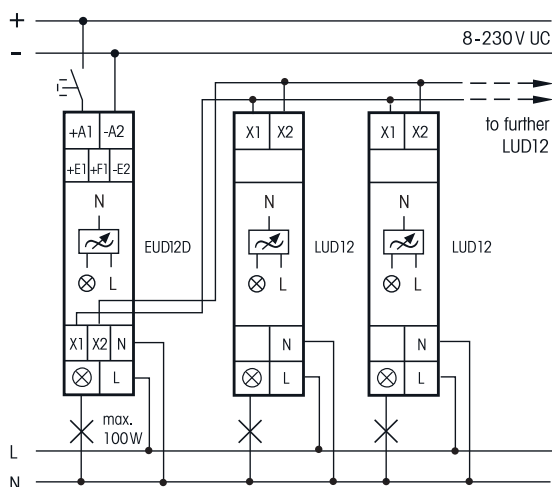
Technical data page 9-20.
Housing for operating instructions
GBA14 page 1-49 chapter 1.

Increase of capacity for one lamp



1. - 9. LUD12 + up to 100 W each

Increase of capacity with additional lamps



1. - 9. LUD12 + up to 100 W each

LUD12-230V	Capacity enhancer for universal dimmer switches, Power MOSFET up to 400 W	Art. No. 21100805	73,80 €/pc.
-------------------	--	--------------------------	--------------------