Capacity enhancer LUD12 for universal dimmer switches

Power MOSFET up to 500W and ESL up to 100W. Standby loss 0.1 watt only.
Modular device for DIN-EN 60715 TH35 rail mounting. 1 module = 18mm wide, 58mm deep.
Capacity enhancers LUD12-230V can be connected to the universal dimmer switches EUD12Z, EUD12M, SUD12 (1-10V input) and FUD12/800W. By this the switching capacity for one lamp will be increased according to the below mentioned table depending on ventilation conditions up to 500, 350 or 300W or alternatively for additional lamps up to 500W per each capacity enhancer. When energy saving lamps ESL are used only suitable with additional lamps since the limit of 100W per lamp may not be exceeded.

Both switching modes for increase of capacity can be executed simultaneously.
Automatic detection of load R+L or R+C in the circuit "Increase of capacity with additional lamps". Supply voltage 230V.
Automatic electronic overload protection and over-temperature switch-off.
In the mode "Increase of capacity with additional lamps" the kind of load of a capacityenhancer 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.

Rotary switch

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.

Warning!
Only a trained electrician may install this equipment, otherwise there is a risk of fire or electric shock.