

1000VA Digital Dimmer prototype Universal Forward-Phase control (DIN-RAIL mount) DRD1000U-01

- Product Description



Description:

MCU controlled prototype dimmer that can drive any load type up to 1000VA, that accepts forward phase control. Finished and evaluated prototype, performs accurate digital dimming from zero to 100% load percent. An additional input for external control from remote button(s) or relay(s) exists.

Characteristics:

- Accurate digital dimming from 0..100% divided in 1024 steps
- Reliable dimming from practically zero to 100% load
- Automatic external remote control input, accepts direct Line return
- 1000VA continuous maximum Load
- 3-Unit size (for the above prototype housing)
- Able to re-designed in order fit your exact demands
- Low Cost

Applications:

- Light Dimming
- Small motor (such as fans) dimming
- Heating elements
- Any load up to 1000VA that accepts forward phase control.

Ratings*:

Description	Value	Unit
Supply Voltage	230	V AC
Frequency	50	Hz
Maximum Load Power	1000	VA
Ambient temperature range	-20 to +60	°C

Connections*:

Description	Terminal
Load	1
Line	2
Neutral	3
External control input (return from Line)	4

* As this product is a prototype, specifications are not mandatory and can/may change in the final product