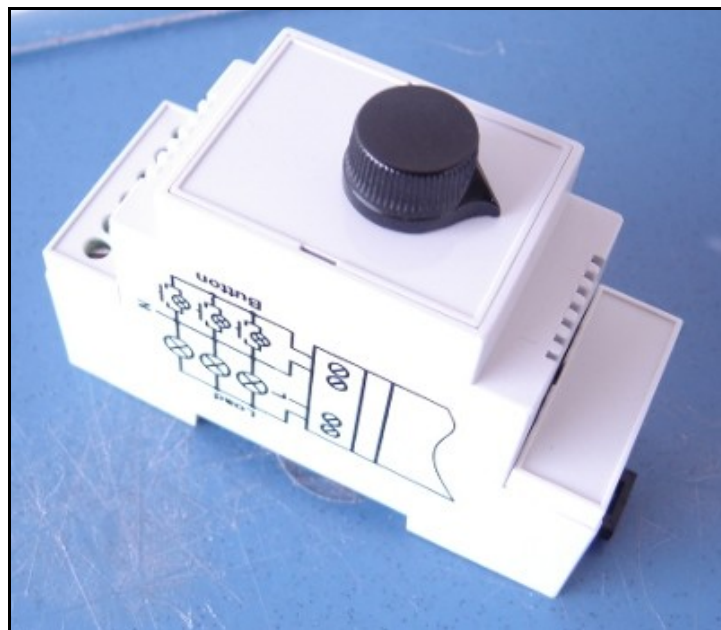


Digital Dimming 1000VA Staircase Timer Prototype (DIN-RAIL mount) DRSTU-01

- Product Description



Description:

Digital dimming staircase timer, is MCU controlled and has special functions compared to conventional staircase timers, such as light dimming/warning and button illumination control. Lights on/off are done through soft dimming and a special slow turn-off dimming phase along with button light blink indicates the user that lights are going to close. Also a 100min steady-on time is activated through 3sec+ button press. The special digital dimmer design can driver any load that can be dimmed with pre-phase control. The dimming function along with a preset 10% cut-off in the overall voltage applied to the lights, extends the bulbs life. This device is a finished and evaluated prototype.

Characteristics:

- MCU controlled accurate digital dimming
- Buttons switch controlled illumination
- 30sec....10min selectable time (customizable)
- Protects and extends bulbs life with soft start and reduced power at 90% (optional)
- Any load pre-phase control dimmer
- Up to 40 illuminated buttons (extend able)
- 4 Cable connection (customizable)
- 1000VA Max Load
- Special and unique turn-off warning patterns
- Steady ON state 100min mode activated with a delayed button press
- Ready for 2Unit housing with TH components, available also for 1Unit with SMT
- Able to re-designed in order fit your exact demands
- Low cost

Applications:

- Staircase lights
- Where a light-off delay, triggered with illuminated buttons is needed.

Ratings*:

Description	Value	Unit
Supply Voltage	230	V AC
Frequency	50	Hz
Maximum Load Power	1000	VA
Ambient temperature range	-20 to +60	°C
Maximum button-light current	25	mA

Connections*:

Description	Terminal
Load	1
Line	2
Neutral	3
Button return (from neutral)**	4

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

** On demand can be designed to return from either Line or Neutral or both