






ClickOn Bus Din Rail Dimmer 400W CB-DIM-10

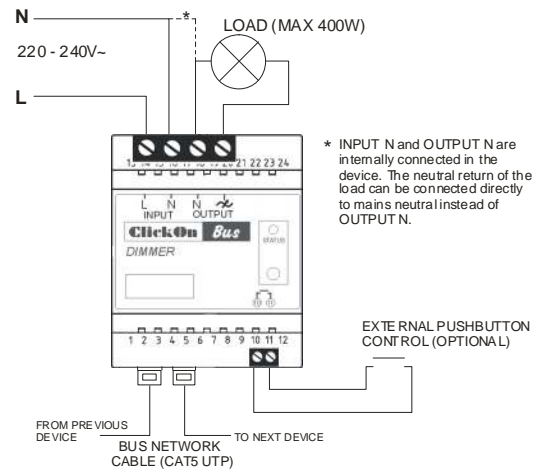
Product Features

- ClickOn Bus output unit suitable for dimming incandescent or halogen and electronic low voltage lighting
- DIN rail mounted (4 modules wide)
- Connects to the ClickOn Bus network via 2 RJ45 connectors
- Can be controlled from any ClickOn Bus input unit such as ClickOn Bus Wallswitches, a ClickOn Remote Control via a ClickOn Bus RF Transceiver module connected to the network or a ClickOn Remote Commander
- Optional external pushbutton control input
- Multiple input units can be programmed into the dimmer allowing multi-way switching from different locations
- Programming can be done through a simple to use learning procedure or from a PC using the CLBUS Installation software
- Power failure memory
- Bus network connections and external pushbutton connection are optically isolated from output (mains) side
- Programmable soft turn ON and turn OFF rate
- Programmable minimum and maximum brightness levels

Specifications

- Model: CB-DIM-10
- Mains side supply voltage: 220-240V~ 50Hz
- Minimum load: 40W @ 230V~
- Maximum load: 400W @ 230V~
- Load types:
 -  220V Incandescent
 -  220V Halogen
 -  Low voltage electronic transformers suitable for trailing edge dimming
- Bus side supply voltage: 15-24VDC (via bus network cable)
- Bus side supply current: 20mA maximum
- Memory capacity (linked devices): 32
- Ambient Temperature: 0 – 40 °C
- Ingress Protection: IP20
- Dimensions: 70mm (width) x 58mm (height) x 86mm

Wiring Diagram



Operation

- Press and release unit pushbutton or external pushbutton to toggle output
- Press and hold pushbutton to dim light up or down
- To link a ClickOn Bus Wallswitch button to the dimmer without using the CLBUS installation software:
 - Enter program mode by pressing and holding the dimmer pushbutton until the LED starts flashing amber
 - Press and hold the wallswitch button until the wallswitch LED flashes at a faster rate
 - Press and release the dimmer pushbutton to exit program mode
- Operation from a ClickOn Bus Wallswitch:
 - Press and release wallswitch button to toggle output
 - Press and hold wallswitch button to dim light up or down

Status LED

Green: Output switched OFF

Red: Output switched ON

Flashing red: Error condition

- 1 Flash: 220-240V~ supply not present
- 2 Flashes: Load short circuit condition detected
- 3 Flashes: Overload
- 4 Flashes: Incompatible load type
- 5 Flashes: Over temperature error
- 6 Flashes: Zero crossing error

Flashing amber: Program mode active