

# ClickOn Bus Wallswitch 2-Button

## CB-WBS-102

### Installation Instructions and User's Guide



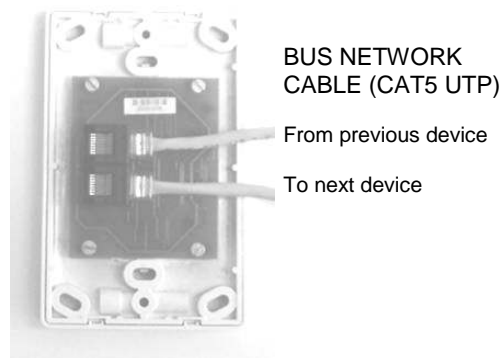
#### Specifications

- Supply voltage: 15-24VDC (via bus network cable)
- Supply current: 30mA maximum
- Ambient Temperature: 0 – 40 °C (32 – 104 °F)
- Ingress Protection: IP20
- Dimensions: 80mm (width) x 126mm (height)

#### Installation

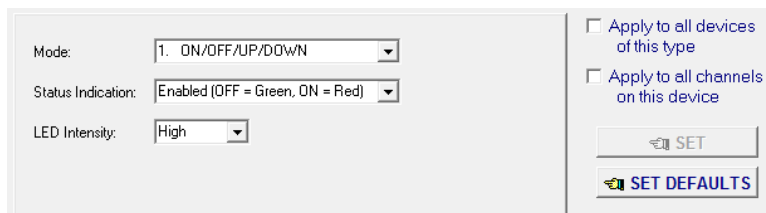
- Do not connect any mains wiring to the Wallswitch. The Wallswitch connects directly to the ClickOn Bus network cable via 2 RJ45 connectors.
- The Wallswitches are designed for indoor use only
- Unit may be mounted in a vertical or horizontal position
- Choose a location free of water, humidity, direct sunlight or heavy dust.
- A safe isolation distance should be kept between all mains wiring and the Bus network cable
- See the *ClickOn Bus Network installation Guide* for more information on the Bus network wiring

#### Wiring Diagram



#### Setup

- To link a ClickOn Bus Wallswitch button to an output device (Dimmer, Power Switch or Relay Module) without using the CLBUS installation software:
  - Place the output device into the programming mode (*see relevant device documentation*)
  - Press and hold the wallswitch button until the wallswitch LED flashes at a faster rate
  - Remove the output device from programming mode
- Setup from CLBUS installation software:
  - Enter the Wallswitch setup by double clicking on one off the wallswitch channels in the device list after a LIST DEVICES
  - Use the Setup Tab to change the wallswitch operating mode
  - The mode for each button can be changed individually



- Use the Links Tab to link the wallswitch buttons to output devices

#### Operating Modes

The operating mode for each button is only programmable via the CLBUS Installation Software.

1. **ON/OFF/UP/DOWN:** Press and release button to send an ON, OFF or TOGGLE command. Press and hold the button to send an UP or DOWN command. When linked to an output device, the command send will depend on the current status of the output device. When no linked device is detected, a TOGGLE command will be send.
2. **ON/OFF:** Same as 1 but with no dimming (UP/DOWN) commands.
3. **UP/DOWN:** Sends dimming commands only
4. **ON:** Button press always switches output device on
5. **OFF:** Button press always switches output device off
6. **UP:** Button press always increases light level
7. **DOWN:** Button press always decreases light level
8. **ON/UP:** Sends ON command when press and released or UP command when button is held.
9. **OFF/DOWN:** Sends OFF command when press and released or DOWN command when button is held.

#### Status Indication

The following modes for the status LEDs on the buttons can be selected for from the CLBUS Installation Software:

1. GREEN = Output device off, RED = Output device on
2. RED = Output device off, GREEN = Output device on
3. Status indication disabled (always green)
4. Status indication disabled (always red)

The LED intensity for each button can be set to high, medium or low.

Status indication is performed automatically for any output device linked to the wallswitch. When more than one output device is linked to the same button, the status of any one of the output devices will be shown.