



ClickOn Bus 6-Channel Switch Interface with LED Outputs CB-SWI-206

Product Features

- ClickOn Bus input unit suitable for controlling bus output devices
- 6 dry contact inputs
- 6 Bicolor LED outputs for status indication on each input for connection to any standard 2 lead bicolor led
- Can be connected to bell press switches, passive infra red detectors, relay outputs or any device that provides a dry contact switch closure
- Programmable modes for various applications
- Connects to the ClickOn Bus via 2 RJ45 connectors
- Can control any ClickOn Bus output unit such as ClickOn Bus Dimmers, Power Switches and Relay Modules
- Can control any ClickOn Wireless product via a ClickOn Bus RF Transceiver module connected to the network
- A single input can be linked to multiple output units
- Programming via ClickOn Bus Installation software (CLBUS) or a simple to use learning procedure
- Multiple inputs on the same unit can be linked to the same output device e.g. input 1 switches light on when pressed and released and increases light level when pressed and held (channel 1 mode = ON/UP). Input 2 switches light off when pressed and released and decreases light level when pressed and held (channel 2 mode = OFF/DOWN).
- Bicolor LED output indicates status feedback received from linked output device
- Auxiliary 12VDC output (100mA max) to power external devices ex. PIR detectors
- 150mm open ended cables with 2 pin connectors sold separately (12 needed if all inputs and LED outputs used)

Specifications

- Model: CB-SWI-206
- Supply voltage: 15-24VDC (via bus network cable)
- Supply current: 40mA maximum (without 12VDC output consumption)
- Auxiliary Output voltage: 12VDC @ 100mA max
- Ambient Temperature: 0 – 40 °C
- Ingress Protection: IP20
- Dimensions: 46 x 50 x 21mm

Connections



Operation

- The command issued to the linked output device depends on the Operating Mode of the specific channel (see *Operating Modes*)
- To link an input channel to an output device without using the CLBUS installation software:
 - Place the output device into programming mode
 - Close the input until the unit status LED flashes at a faster rate
 - Exit programming mode on the output device

Operating Modes

Programmable via CLBUS software for each input.

Each LED output can be set to OFF, GREEN or RED for status off and on respectively and at three different intensity levels. In addition to the following modes, each input can be set for either normally closed or normally open operation.

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|---|---|
| 1. ON/OFF/UP/DOWN | 2. ON/OFF (no dimming commands) |
| 3. UP/DOWN (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 |
| 9. OFF/DOWN | 10. BUTTON PRESSED = ON / RELEASED = OFF |
| 11. ON WHEN BUTTON PRESSED | 12. OFF WHEN BUTTON RELEASED |
| 13. ALARM INPUT – (Recommended when used with an infra red alarm sensor or door contact sensor in conjunction with a ClickOn Remote Commander) | |
| 14. PANIC (Repeated command transmission for increased reliability. Recommended when used as a panic button in conjunction with a ClickOn Remote Commander) | |
| 15. SPECIFIC COMMAND – Sends a specific programmable command(ON, OFF, LEVEL, TIMED, STROBE or FADE)
The command can also be repeated at preset intervals while the input is activated. | |