





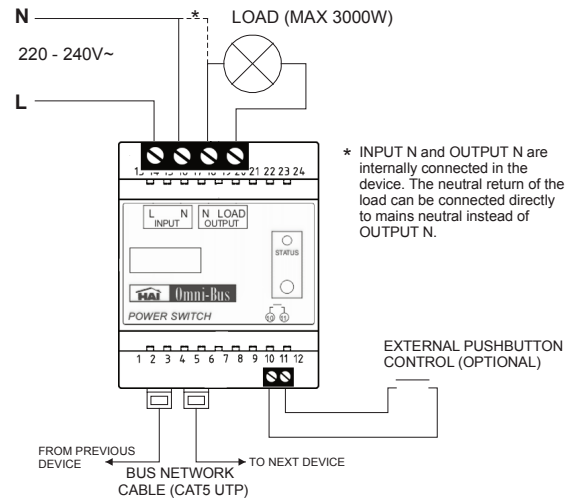
# **HAI Omni-Bus Power Switch 3000W Din Rail** **Model 111A00-1** **Installation Instructions and User's Guide**



## **Specifications**

- Mains side supply voltage: 220-240V~ 50Hz
- Maximum loads @ 230V~
  -  General purpose resistive: 3000W (13A)
  -  Motor: 4HP (3000W)
  -  Ballast (Fluorescent lights): 3000W
  -  Low Voltage Transformer: 3000W
- Bus side supply voltage: 15-24VDC (via bus network cable)
- Bus side supply current: 50mA maximum
- Memory capacity (linked devices): 24
- Ambient Temperature: 0 – 40 °C (32 – 104 °F)
- Ingress Protection: IP20
- Dimensions: 70mm (width) x 58mm (height) x 86mm

## **Wiring Diagram**



## **Installation**

- The Power Switch unit should only be installed by a suitably qualified person
- Power Switch units should be installed in a suitable distribution box fitted with 35mm din rail
- Ensure that the mains power has been switched off before commencing installation
- All mains wiring should be done in accordance with local authority wiring regulations
- A safe isolation distance should be kept between all mains wiring and the Bus network cable
- Always isolate the power switch from the mains supply before performing a Megger test on the electrical installation
- See the *HAI Omni-Bus Network Installation Guide* for more information on the Bus network wiring

## **Setup**

- To link an Omni-Bus Wall Switch button to the power switch without using the HAI OMNIBUS installation software:
  - Enter program mode by pressing and holding the power switch pushbutton until the LED starts flashing amber
  - Press and hold the wall switch button until the wall switch LED flashes at a faster rate
  - Press and release the power switch pushbutton to exit program mode
- Setup from OMNIBUS installation software:
  - Enter the power switch unit setup by double clicking on the device in the device list after a LIST DEVICES
  - Use the **Links Tab** to link input devices (wall switches and remote controls) to the power switch

## **Operation**

- Press and release the unit pushbutton or external pushbutton to toggle output
- Operation from an Omni-Bus Wall Switch:
  - Press and release wall switch button to toggle output
- The power switch will automatically shut down (output turned off) when a fault condition is detected (*see Status LED*)

## **Status LED**

- **Constant Green:** Output switched OFF
- **Constant Red:** Output switched ON
- **Flashing red:** Indicates fault condition
  - 1 Flash: 220-240V~ supply not present
  - 2 Flashes: Load short circuit condition detected during switch on
- **Flashing amber:** Program mode active