**Product range**

<table>
<thead>
<tr>
<th>Order code</th>
<th>Description</th>
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<tr>
<td>zc-switch</td>
<td>DALI-2 switch module, 2 configurable I/O</td>
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</table>

**Specifications**

- **Supply voltage**: 9.5 - 22.5 V dc (supplied from DALI)
- **Control system**: DALI-2
- **Supply current**: 5 mA
- **Input**: 2 floating dry contacts  
  Note: Any switch used shall be LV rated
- **Output**: FELV 3.3 V logic level output, max. current 1 mA
- **Wiring**: 0.5 - 0.75 mm²  
  Strip 6 - 7 mm
- **Operating temperature**: 0 to 45°C
- **Material**: PC
- **Ingress protection**: IP20

**Safety information**

- This product must only be installed by a licensed electrician.
- Before commencing installation turn off and isolate the electrical supply.
- There are no user serviceable parts, attempting to service any part of the product will void the warranty.
- The switch must not be connected to any mains. It is powered directly from the DALI line.
- DALI is not SELV and as such should be treated as LV.
- As the installer, it is your responsibility to ensure you comply to all relevant building and safety codes. Refer to application standards for the relevant rules.
- When the installation is complete, leave this manual with the building's owner for future reference.
- The installer must protect against accidental contact, all terminals are not safe to touch.
- There is no isolation between the control terminals and supply. Outputs should be treated as LV.

**Dimensions**

- **Dimensions**: 40 / 20 / 10.5 mm

**System overview**

**Installation**

Remove the product from the box and inspect it for any damage. If you believe the product to be damaged or otherwise unsound, do not install the product. Please pack it back into its box and return it to the place of purchase for replacement.

If the product is satisfactory, proceed with the installation:

1. Ensure safety warnings are adhered to.
2. Connect the two DALI terminals to the DALI line ensuring wiring regulations are followed. DALI is not polarised. DALI is not SELV and as such must be treated as LV. **Do not connect the switch to any mains voltages.**
3. Connect the momentary switch(es) to the floating contact inputs (A/B). Only connect one momentary switch per input. **Do not** connect momentary input to mains voltage.
4. Install switch behind the wall-plate or mounting enclosure for momentary switch. **Note** default configuration is A/B input. Configuration dependant on DALI-2 application controller.

**Wiring diagram**

A. **Input configuration (default)**

B. **Input / output configuration**

**Wire preparation**

- 0.5 - 0.75 mm²  
- 6 - 7 mm
Notice

For more information on compliant software see our website
zencontrol.com