

# User manual Dali Controller

## INT-202-D-01

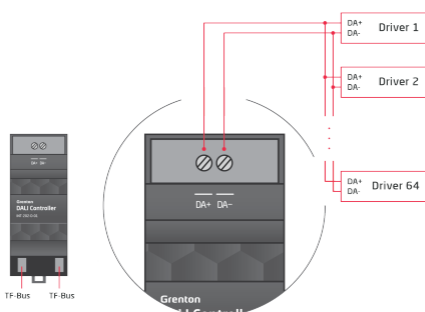
The Dali Controller allows you to control up to 64 Dali devices.



### 1. Technical data

|                             |  |
|-----------------------------|--|
| Device power supply         | 24 V <sub>dc</sub>                         |
| Maximal power consumption   | 2,2 W                                      |
| Maximal device current      | 91 mA (for 24 V <sub>dc</sub> )            |
| Maximal addresses           | 64   |
| Maximal groups              | 16   |
| Maximal DALI current        | 128 mA                                     |
| Max. wire cross section     | 2,5 mm <sup>2</sup>                        |
| Weight                      | 55 g                                       |
| Size [DIN]                  | 2  |
| Fixing                      | electrical box, rail DIN-3 / TH 35 / TS 35 |
| Dimensions (H/W/D)          | 58/36/90 mm                                |
| Operating temperature range | 0 to +45 °C                                |
| Compliance with             | IEC 62386-102                              |

### 2. Wiring diagram



|     |            |
|-----|------------|
| DA+ | DA+ signal |
| DA- | DA- signal |

LED status:

- Blue LED indicates voltage on Dali line.
- Green LED indicates device status:

1. ON - there is no configuration, start Dali Discovery.

covery,

2. Blinking 5 Hz - Dali Discovery ongoing - wait.
3. Blinking 1 Hz - device with configuration.

### 3. Warnings and cautionary statements



**ATTENTION !**

- Before proceeding with the assembly, read the installation schematics and full instructions available at [www.grenton.com](http://www.grenton.com). Failure to follow the guidelines contained in the instructions and other requirements of due care valid as a result of the nature of the equipment (device) may be dangerous to life / health, damage the device or installation to which it is connected, damage other property or violate other applicable regulations. The manufacturer of the device, Grenton Sp. z o. o. does not bear any responsibility

for the damage (property and non-property related) resulting from the assembly and / or use of the equipment not in accordance with the instructions and / or due diligence in handling the equipment (device).

- Device power supply, permissible load or other characteristic parameters have to be in accordance with the device specification, described in particular in the "Technical data" section.
- The product is not intended for children and animals.
- If you have technical questions or comments about the device operation, contact Grenton Technical Support.
- Answers to frequently asked questions can be found at: [www.support.grenton.pl](http://www.support.grenton.pl)



**DANGER !**

- Danger to life caused by electric current!
- The components of the installation (individual devices) are designed to work in a home

electrical installation or directly in its vicinity. Incorrect connection or use may cause a fire or electric shock.

- All work related to the installation of the device, in particular works involving interference in the electrical installation, may be performed only by a person with appropriate qualifications or licences.
- When installing the device, make sure that the power supply voltage is disconnected from the circuit in which the device is connected or near which the assembly takes place.

### 4. CE marking

The manufacturer declares that the device is in full compliance with the requirements of EU legislation that includes the directives of a new approach appropriate for this equipment. In particular, Grenton Sp. z o. o. declares that the device fulfills the requirements on safety, specified by law, and that it conforms to the national

regulations that implement the appropriate directives: The Directive on the electromagnetic compatibility (EMC - 2014/30/UE) and the Directive on the limitation of the use of specific substances in electrical and electronic equipment (RoHS II - 2011/65/UE).



### 5. Warranty

Warranty available at: [www.grenton.com/warranty](http://www.grenton.com/warranty)

### 6. Manufacturer contact details

Grenton Sp. z o.o.

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