



rutec DC IPSHHT DALI-2 Push Dim Actor Instructions

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DALI-2 Push Dimm-Aktor DC IP67
80720-V2



INSTRUCTIONS FOR USE



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SAFETY INSTRUCTIONS:

General notes for installation

- Commission a qualified electrician to carry out the installation.
- The LED controller is IP67 waterproof. Please protect the controller from direct sunlight.
- Always make sure that the device is installed in a location with good ventilation to ensure the correct Operating Temperature.
- Check that the voltage and mains adapter are suitable for the controller and that the anode and cathode designations match those of the controller.
- Please make sure that an appropriate cable cross-section is used for the connection between controller and LED.
- Never connect the cables when the power is on, check the correctness of the connections and check for short circuits before turning on the power.
- Please do not carry out any repairs yourself. This will void the manufacturer's warranty.

FOR THE INSTALLATION SITE AND THE PRODUCT MUST BE TAKE INTO ACCOUNT:

The product is suitable for indoor and outdoor use.

The permissible ambient temperature for the product is -20° C bis +50° C..

Improper use will destroy the product and we will not accept any guarantee. Therefore, please observe our assembly instructions.

TOOLS REQUIRED:

The following tools are required for mounting the DALI-2 actuator unit:

- Drilling machine with various stone and HSS drills
- Cordless screwdriver with various bit sets
- Screws, dowels
- Hammer, screwdriver etc.

DISPOSAL:



Dispose of electrical and electronic equipment in an environmentally sound manner. For more information, contact your local authority.

The rutec DALI-2/Push dimming actuator 80720-V2 has 4 channels with up to 4 different addresses for one to four colour control and enables digital colour mixing with soft control behaviour. The DALI addresses can be addressed both manually and automatically and are visible via digital display. The actuator has the possibility to be controlled via DALI (DT6) signals or also 230 V AC „Push-Dim“ pulses via the Da+(L'), Da-(N) connection. The

„Push-Dim“ function is only for single-colour operation and cannot be operated in parallel with the DALI signal.

TECHNICAL DATA:

Input:

12 / 24 V DC

Output:

4 x 60W (12V DC) / 4 x 120W (24V DC)

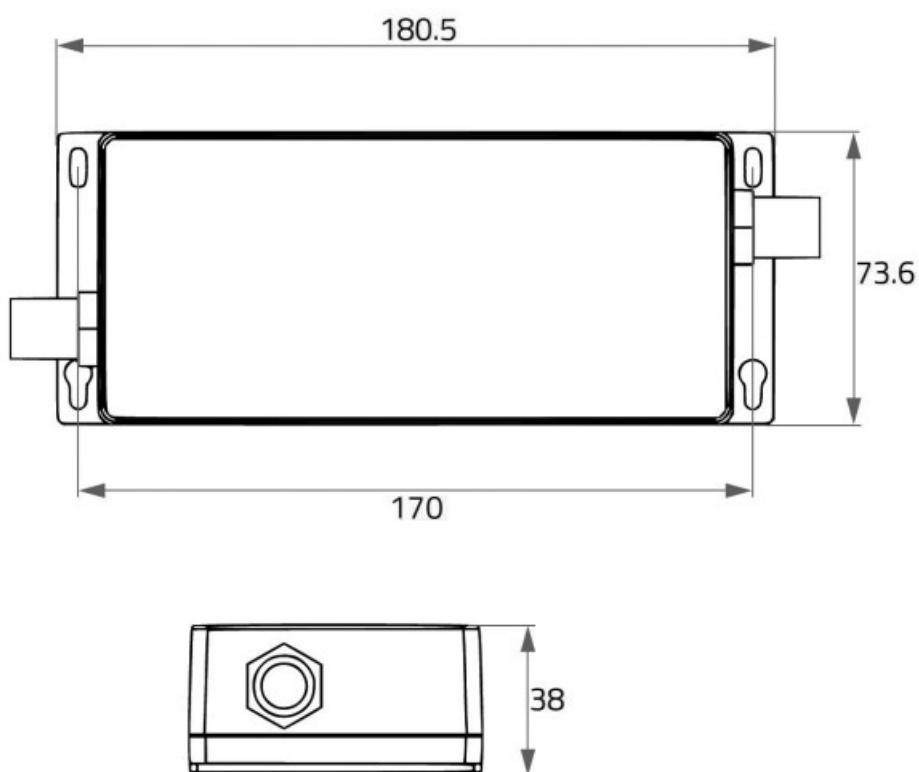
Ambient temperature:

-20° C bis +50° C

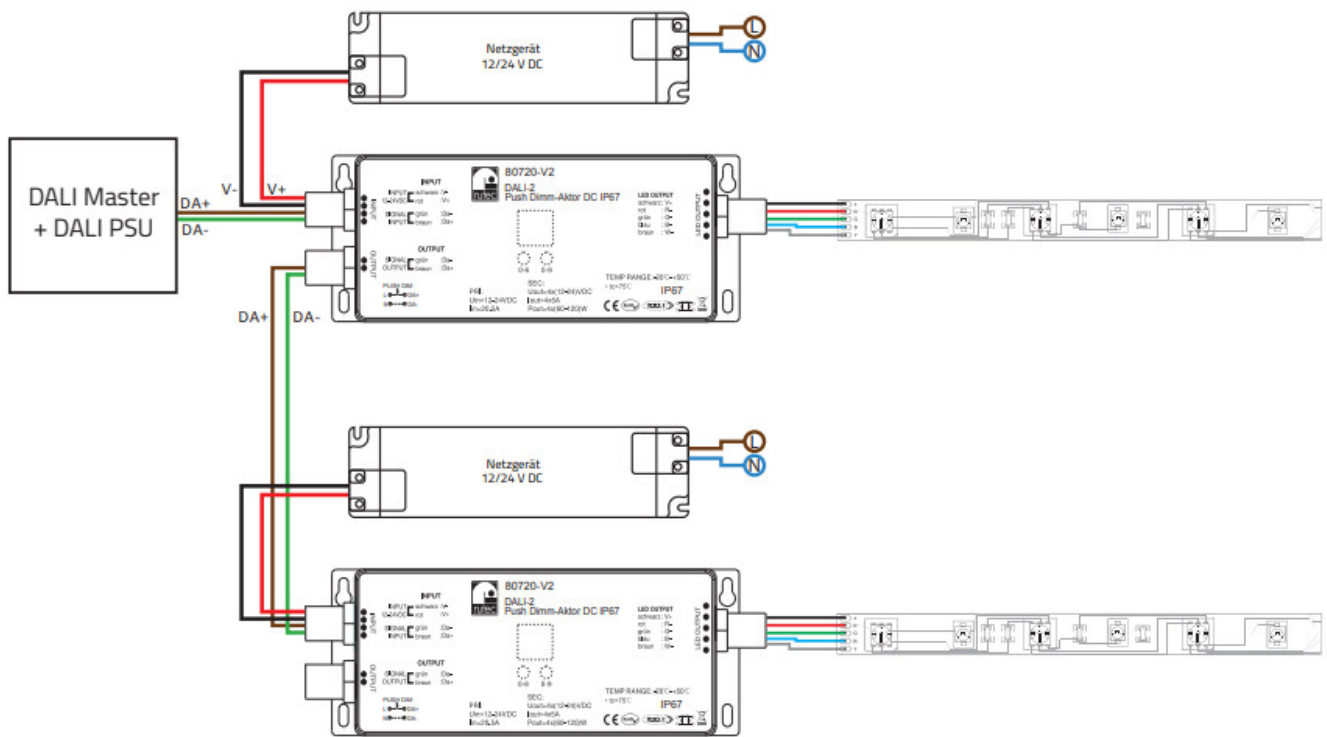
TECHNICAL PRODUCT DIMENSIONS:

Length x width x height (L x W x H)

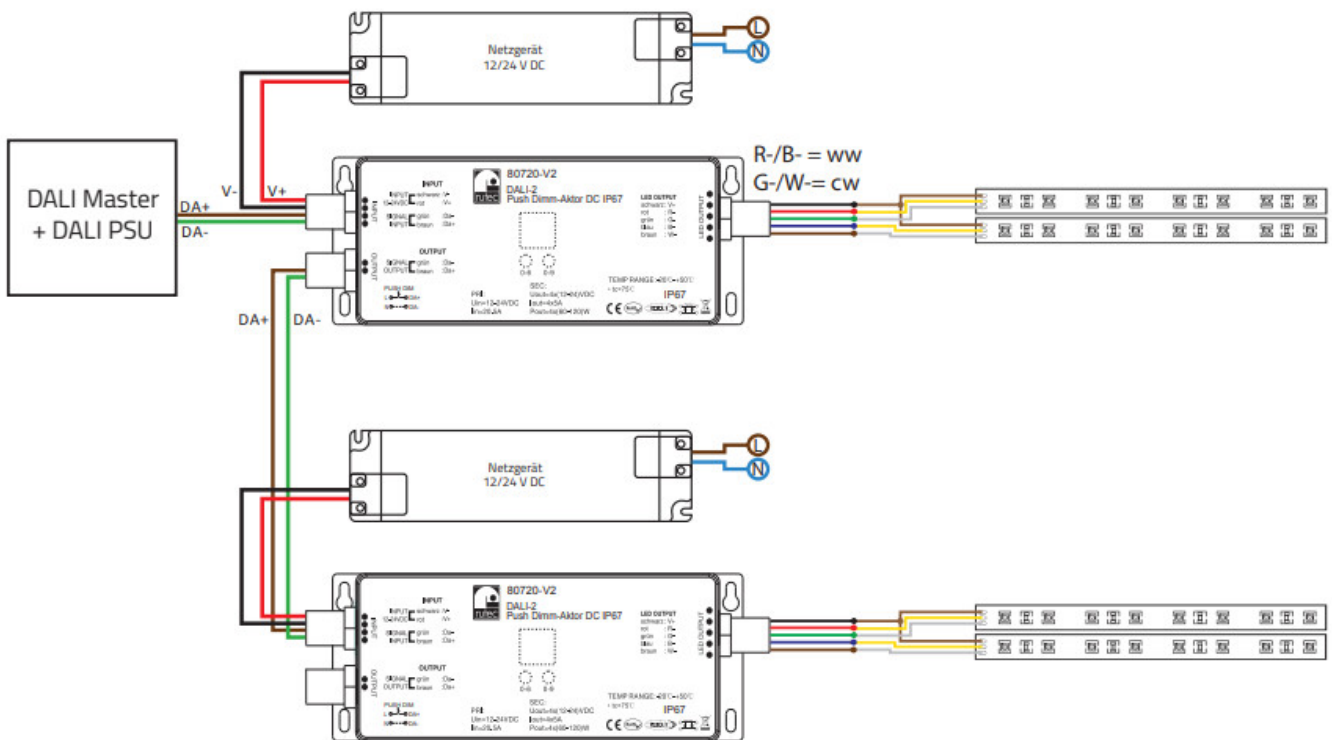
180.5 mm x 73.6 mm x 38 mm



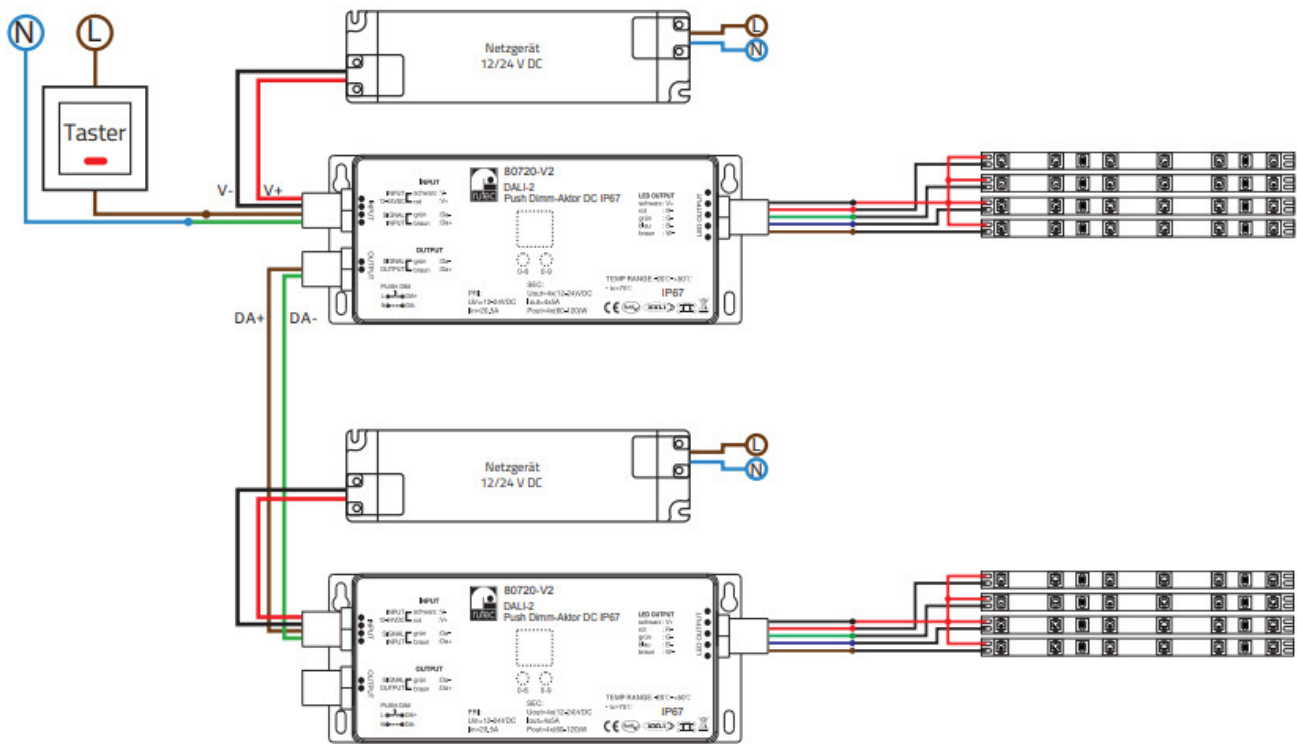
WIRING DIAGRAM FOR RGBW LED-STRIPS:



WIRING DIAGRAM FOR TUNABLE WHITE LED-STRIPS:



WIRING DIAGRAM FOR PUSH-DIM USE:



INSTALLATION:

Setting the DALI addresses

1. manual setting

By pressing any key for a long time, the display will flash, now you can select the address manually by shortly pressing the keys. Once you have entered the desired address, this is confirmed by pressing and holding any key again.

note:

DALI address can be manually assigned from 01-64-FF, by factory defaults, no DALI address is assigned for the dimmer, and the display shows **FF**. Setting the DALI address as **FF** will reset the dimmer to factory defaults..

2. automatic setting

The DALI master unit assigns the addresses automatically. The function can be found in the operating instructions of the master. The digital display will show **RU** when the DALI master is assigned.

3. setting the operating mode

By pressing both buttons for a long time, the number of ECGs used is shown in the display. These can be changed from 1 A to 4 A with the help of short key pulses of the first button and confirmed by a long press, e.g. 2A „x“ R-, B-; „x+1“ G-, W-

4. push-dim

As soon as the terminals Da+(L') and Da-(N) have been connected to the 230 V AC push-button, the display changes to **Pd** which stands for the operating mode „Push Dim“.


- Pressing shortly switches the outputs On/Off.
- Pressing and holding dims the light strip to the desired brightness value.
- Press and hold again to dim the continuous row.
- The dimming range is 1-100 %.

The „push dim“ mode has a memory effect so that after a short circuit or loss of voltage/voltage recovery, the light returns to the last known brightness value.



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Documents / Resources

 <p>DALI-2 Push Dimm-Aktor DC IP67 80109-01 BEFUGUNGSSCHALTUNG INSTRUCTIONS FOR USE</p> <p>CE RoHS REACH</p>	<p>rutec DC IPSHHT DALI-2 Push Dim Actor [pdf] Instructions DC IPSHHT DALI-2 Push Dim Actor, DC IPSHHT, DALI-2 Push Dim Actor, Push Dim Actor, Dim Actor, Actor</p>
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References

- [User Manual](#)