

**Warning!**

High voltage. Risk of electric shock. The installation should only be carried out by an authorised electrician.

- Each control circuit can supply DALI power for as many as 50 DALI devices
- The lighting system responds immediately and harmoniously when the brightness level is changed at either of the control devices.
- All that while allowing for the required comfortable, easy and complete control over the lighting levels at any time.
- Innovative Function to Power DALI Bus While Connected to AC Mains
- Powered by DALI Bus while not Connected to AC Mains

**Operation**

This device is a DALI MCU with built-in DALI bus power supply which can power DALI bus while connected with 100-240VAC mains. It also can be powered by DALI bus while not connected with AC mains.

**There can be up to only 2 MCUs connect to AC 220V mains, the other MCUs powered by DALI bus.**

Each control circuit simultaneously affords the integration of as many as 100 DALI ECG and of up to 4 DALI MCU control devices (control points).

**Switch ON/OFF**

Click the rotary knob to switch ON/OFF light.

**Increase/Decrease Light Intensity**

Rotate the knob clockwise to increase light intensity from 0% to 100%, rotate the knob counterclockwise to decrease light intensity from 100% to 0%.

**Set the minimum brightness value**

Press and hold down the knob over 5 seconds until the light flashes, to set the current brightness value as the minimum brightness value for dimming, it is dimmable from this minimum brightness value to 100%.

**Delete the minimum brightness value setting**

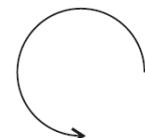
Click the knob to switch off the light first, then press and hold down the knob over 5 seconds until the light flashes, the minimum brightness value will be deleted. It is dimmable from 0% to 100% then.

**Technical data**

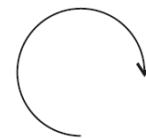
Label	DALI Rotary dimmer
Item number	V-40D0003-201
Power connection	L, N AC mains
Operating voltage	100-240V AC
Power consumption	2.3W max.
DALI connection	Da+/Da-, max. 300m cable length, DALI power supply output current max 100mA.
Perm. Cable cross-section	1..4 mm <sup>2</sup>
Ambient temperature	0...+50 °C
Type of protection	IP20
Protection class	II

**Dimmer Function**

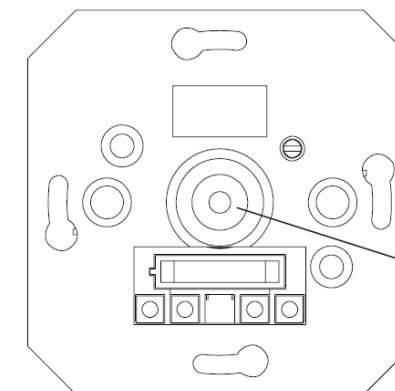
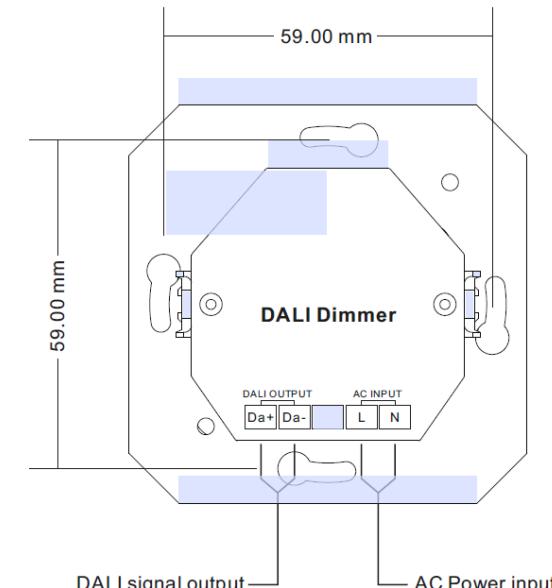
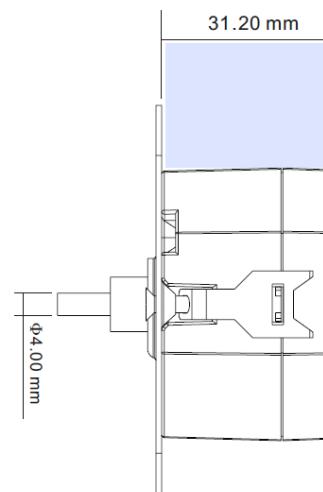
Rotate the knob counterclockwise to decrease light intensity from 100% to 1%.



Rotate the knob clockwise to increase light intensity from 1% to 100%



Click the rotary knob to switch ON/OFF light

**Dimensions**

## Wiring diagram

