DALI-2 ROT Touch with 5 sensor keys (A68891)

Product description

- DALI control module for dimming, colour and colour temperature control.
- 3 or 5 capacitive sensor keys to switch between different operating modes or effective ranges
- Several flexible standard layouts - for different applications
- Customized layouts on request
- Individual DALI Commands and operating modes can be assigned to the push and rotary button.
- Multiple Operating modes for dimming and switching
- Operating mode for brightness control
- Operating mode for control of brightness and colour
- temperature of DT8 tuneable white luminaires
- Operating mode for control of light level and colour of DT8 RGB and RGBW luminaires
- operating mode for control of Lunatone LED-Dimmer in the operating modes Balance&Dim and Colour&Dim.
- Instance mode for sending DALI-2 event messages (D2I) –integration in central control systems
- Multi-master capable, multiple modules can be installed on one DALI-line.
- factory settings allow easy application
- easy configuration via DALI USB interface and DALI-Cockpit software tool
- NFC for simple, wireless configuration with the LUNATONE NFC smartphone app
- the module is supplied directly by the DALI-line, no additional supply required
- double DALI terminals for easy looping of the bus connection
- beeper for localisation
- Versions with integrated bus power supply 70mA, article number addition-PS
- DALI-2 control device according to standard IEC 62386-103.

We reserve the right to make technical and design changes.

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Technical information

Type	DALI-2 ROT Touch
amount of capacitive sensor keys	5
colour	white (RAL 9016)
NFC	yes
input type	DALI,supply
Marking	DA, DA
input voltage range	9,5V … 22,5Vdc according to IEC62386
typ. current consumption DALI (at 16,5V)	1,6 mA
max. current consumption DALI (at 22,5V)	5 mA
addresses for control gear	0
addresses for control devices	1
storing and transportation temperature	-20°C … +75°C
operational ambient temperature	-20°C … +75°C
rel. humidity, none condensing	15% … 90%
dimensions	70mm x 70mm x 45mm
shaft diameter	4mm, adapter with 6mm
mounting / intended use	back box
protection class	II in intended use
protection degree housing	IP40
protection degreeterminals	IP20
manual control	rotary knob with integrated pushbutton function
max. start up time	150ms
connection type	spring terminal connector
wire size solid core	0,5 … 1,5 mm^2(AWG20 … AWG16)
wire size fine core	0,5 … 1,5 mm^2(AWG20 …AWG16)
wire size using wire end ferrule	0,25 … 1 mm^2
stripping length	8,5 … 9,5 mm / 0,33 … 0,37 inch
DALI	IEC62386101:2014 IEC62386103:2014
EMV	EN 61547 EN 50015 / IEC CISPR15
safety	EN 613472-11 EN 613471
markings	DALI2, CE

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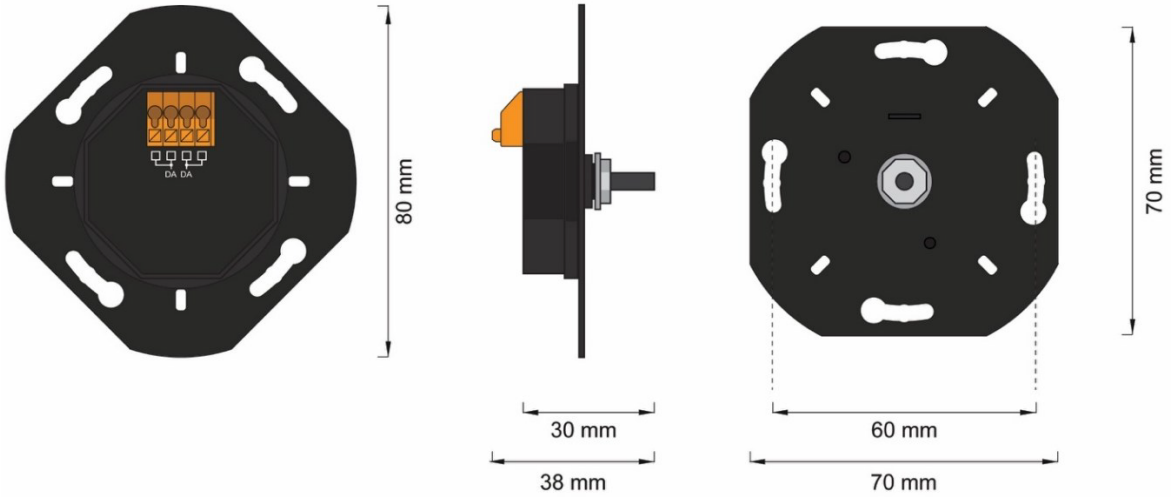
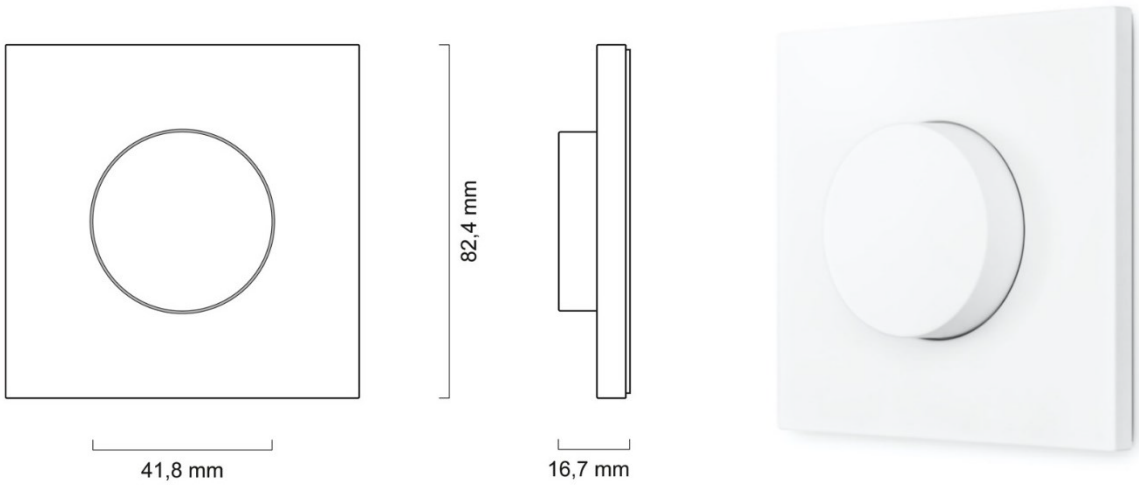
Dimension

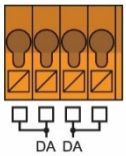


Dimensions DALI-2 Rotary Touch

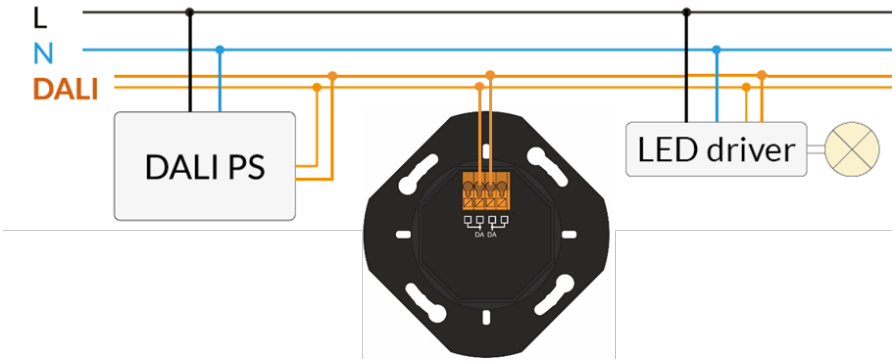


Dimensions DALI-2 Rotary Touch cover

Wiring diagram



Connection plan DALI-2 ROT Touch



Example installation DALI-2 ROT Touch

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