



 **Lunatone**

OPERATING DEVICES
230VAC / 48V / 24V



Folder C



OPERATING DEVICES

230VAC / 48V / 24V

- DALI LED Dimmer DT6: 1-4 Channels, constant voltage (CV) and constant current (CC)
- DALI LED Dimmer DT8: Tunable White, RGB, RGBW, constant voltage (CV) and constant current (CC)
- 230V Operating Devices: DALI LED Power Supply 1 Channel DT6, constant voltage (CV) and constant current (CC)
- 230V Operating Devices: DALI LED Power Supply Tunable White DT8, constant voltage (CV) and constant current (CC)

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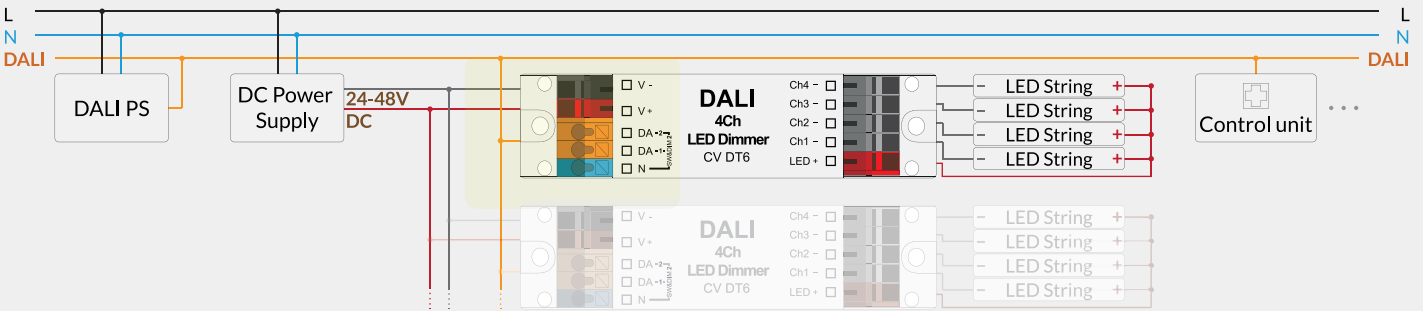
SPECIAL FEATURES OF LUNATONE DALI LED DIMMERS

Lunatone DALI LED dimmers offer a wide dimming range from 0.1 to 100% and are available for constant voltage (CV types) and constant current (CC types). Single and multi-channel devices for DALI Device Type 6 (DT6) commands are available: 1 - 4 channel devices, as well as devices for colour and colour

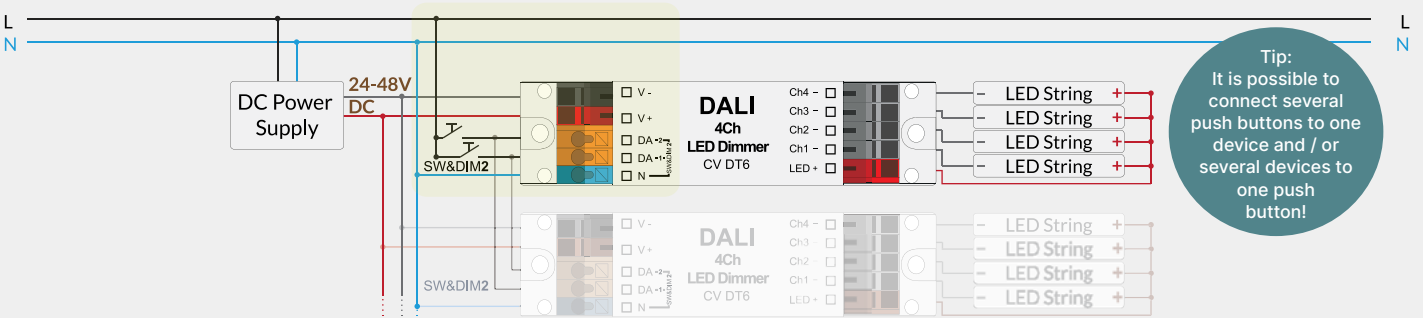
temperature control for DALI Device Type 8 (DT8) commands: CWWW, RGB, RGBW devices.

As an alternative to the DALI control, Lunatone devices also support pushbutton control (SW&DIM2), this option is especially suitable for small installations.

Connection example: LED dimmer control via DALI



Connection example: LED dimmer control via pushbutton - SW&DIM2

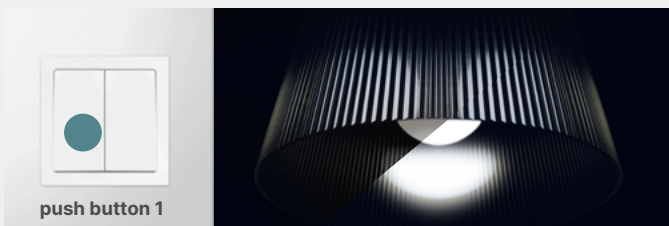


SW&DIM, SW&DIM2 - how it works

Up to two standard push button switches (mains voltage) can be connected to the operating device:
 In case of 1 Channel LED dimmers the SW&DIM input allows the connection of 1 push button.
 The dimmers with multiple inputs, offer a SW&DIM2 input, enabling control via 2 push buttons.
 The operation works as follows:

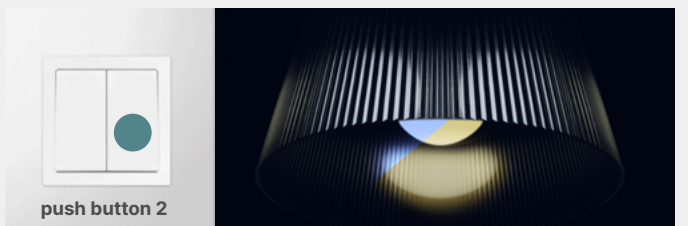
Push button 1

push button 1 is used to control the brightness



Push button 2

depending on the device type and operating mode, button 2 controls either: Tunable White, Colour or Scenes:



ALTERNATIVE OPERATING MODES

As an alternative to the DT8 and DT6 control commands, the following operating modes can be used (via DALI as well as push buttons):

operating mode: DIM2WARM

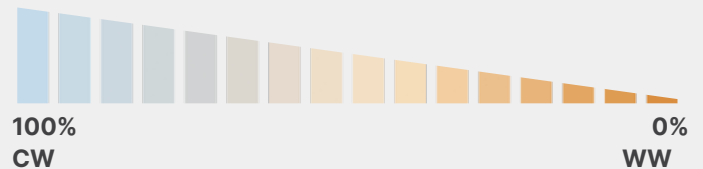
to control Tunable White luminaires

DALI control:

Only one DALI address is required to control the brightness while simultaneously changing the colour temperature; the lower the dimming value, the warmer the light.

SW&DIM2 control:

Only one button (input SW&DIM1) is required to control brightness and colour temperature simultaneously; the lower the dimming value the warmer the light.



operating mode: BALANCE&DIM and operating mode: COLOUR&DIM

to control Tunable White, RGB (W) luminaires or indirect / direct lighting

If enough addresses are available in the DALI system (2 DALI addresses per LED dimmer), the operating mode Balance&Dim or Colour&Dim can be used. They are user-friendly, convenient and easy-to-integrate control methods.

Besides luminaires with cold white and warm white modules, luminaires with direct and indirect lighting can also be conveniently controlled.

DALI control:

Address 1 is used to control the brightness
Address 2 is used to control the colour temperature, colour or indirect / direct lighting

SW&DIM2 control:

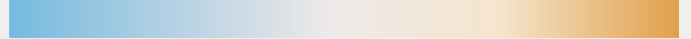
Push button 1 (input SwD1) is used to control the brightness
Push button 2 (input SwD2) is used to control the colour temperature, colour or indirect / direct lighting

BALANCE&DIM

address 1 or push button 1



address 2 or push button 2

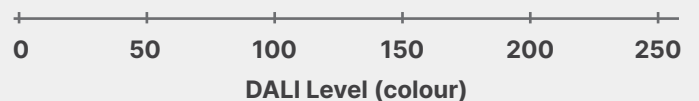


COLOUR&DIM

address 1 or push button 1



address 2 or push button 2



operating mode: scene switch

default setting for 1 channel DT6 devices

Button 1 switching and dimming (SW&DIM), Button 2 is used as a scene switch. On delivery, scenes are predefined, but can also be configured via the DALI Cockpit Software.

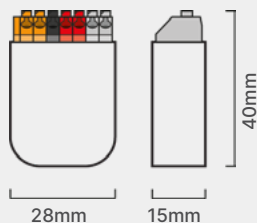
operating mode: corridor

automatic switch off after a defined period of time

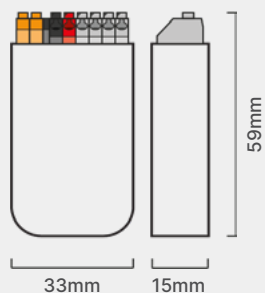
Mode with integrated staircase automation, e.g. to control one or more motion detectors or light barriers with a relay contact.

HOUSING TYPES

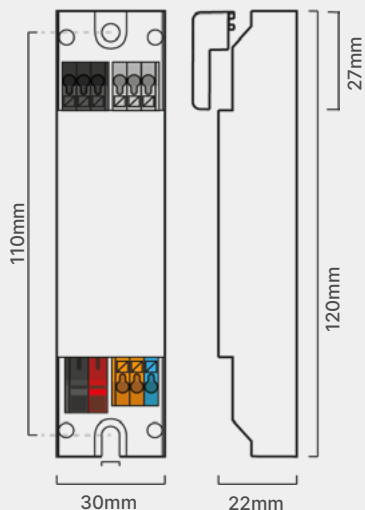
40mm casing for flush-type installation boxes



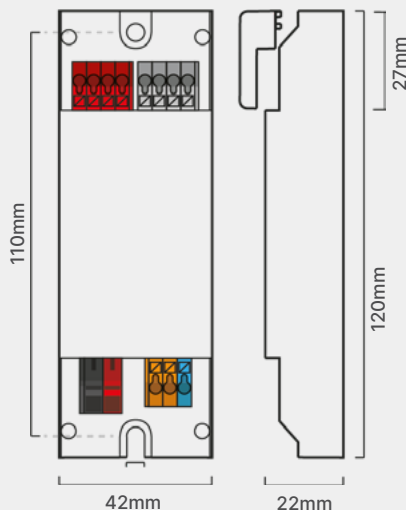
59mm casing for flush-type installation boxes



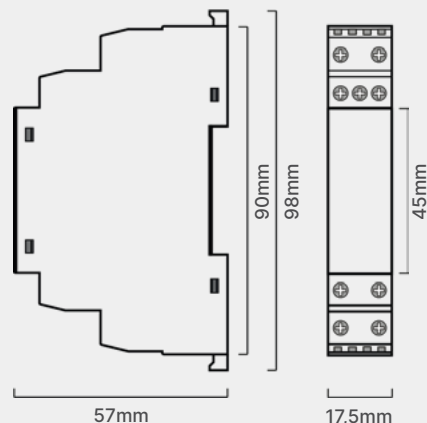
30mm casing with strain relief for suspended ceilings



42mm casing with strain relief for suspended ceilings



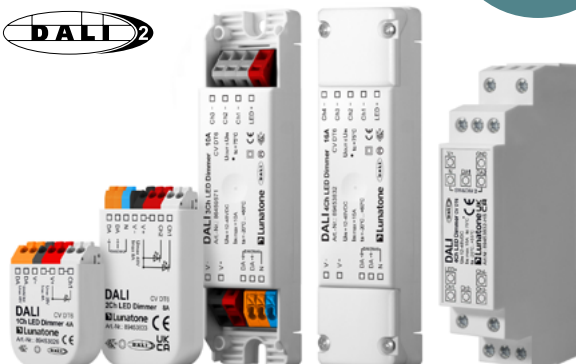
for DIN rail



DALI LED Dimmer DT6 1-4 Channels, Constant Voltage (CV)

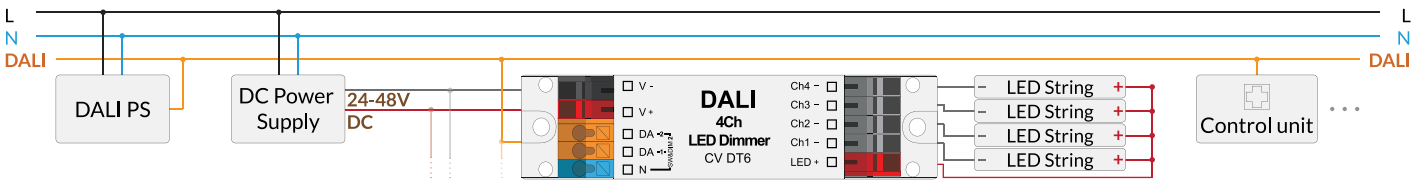
DEVICE TYPE DT6 - ONE ADDRESS PER CHANNEL

Lunatone DT6 LED dimmers are used to control lights via up to 4 separately controllable channels. Each channel has its own DALI address and can be configured via the DALI Cockpit software. In addition to the DALI Device Type 6 commands (DT6), the device supports alternative operating modes listed in the following table in the section on the right. Convenient for small installations is the optional control via pushbutton (SW&DIM2). See page 2C for more information on control options and operating modes.



converting
DT8
to DT6, see
folder E,
page 15

Connection example: 4Ch LED dimmer CV DT6, control via DALI (SW&DIM2 connection see page 2C):



NAME	ARTICLE NUMBER	INPUT CURRENT	NUMBER OF ADDRESSES DT6	SUPPLY	DIMENSIONS (MM)	MODEL	SW&DIM	SW&DIM2	KORRIDOR	DIM2WARM	BALANCE&DIM	COLOUR&DIM
DALI 1Ch LED Dimmer CV 4A	89453826	4A	1	12-28V DC	40 × 28 × 15	for flush-type installation boxes	✓		✓			
DALI 1Ch LED Dimmer CV 8A	86459556	8A	1	12-48V DC	59 × 33 × 15	for flush-type installation boxes		✓	✓			
DALI 1Ch LED Dimmer CV 10A	86459572	10A	1	12-48V DC	120 × 30 × 22	with strain relief for suspended ceilings	✓		✓			
DALI 1Ch LED Dimmer CV 16A	89453829	16A	1	12-48V DC	120 × 30 × 22	with strain relief for suspended ceilings	✓		✓			
DALI 1Ch LED Dimmer 16A CV DIN rail	89453829-HS	16A	1	12-48V DC	98 × 17,5 × 57	for DIN rail		✓	✓			
DALI 2Ch LED Dimmer CV 4A	89453827	4A	2	12-28V DC	40 × 28 × 15	for flush-type installation boxes				✓	✓	
DALI 2Ch LED Dimmer CV 8A	89453833	8A	2	12-48V DC	59 × 33 × 15	for flush-type installation boxes		✓		✓	✓	
DALI 2Ch LED Dimmer CV 10A	86459561	10A	2	12-48V DC	120 × 30 × 22	with strain relief for suspended ceilings		✓		✓	✓	
DALI 2Ch LED Dimmer CV 16A	89453830	16A	2	12-48V DC	120 × 30 × 22	with strain relief for suspended ceilings		✓		✓	✓	
DALI 2Ch LED Dimmer 16A CV DIN rail	89453830-HS	16A	2	12-48V DC	98 × 17,5 × 57	for DIN rail		✓		✓	✓	
DALI 3Ch LED Dimmer CV 4A	89453828	4A	3	12-48V DC	59 × 33 × 15	for flush-type installation boxes		✓				✓
DALI 3Ch LED Dimmer CV 8A	89453834	8A	3	12-48V DC	59 × 33 × 15	for flush-type installation boxes		✓				✓
DALI 3Ch LED Dimmer CV 10A	86459571	10A	3	12-48V DC	120 × 30 × 22	with strain relief for suspended ceilings		✓				✓
DALI 3Ch LED Dimmer CV 16A	89453831	16A	3	12-48V DC	120 × 30 × 22	with strain relief for suspended ceilings		✓				✓
DALI 3Ch LED Dimmer 16A CV DIN rail	89453831-HS	16A	3	12-48V DC	98 × 17,5 × 57	for DIN rail		✓				✓
DALI 4Ch LED Dimmer CV 8A	89453835	8A	4	12-48V DC	59 × 33 × 15	for flush-type installation boxes						✓
DALI 4Ch LED Dimmer CV 10A	86459560	10A	4	12-48V DC	120 × 30 × 22	with strain relief for suspended ceilings		✓				✓
DALI 4Ch LED Dimmer CV 16A	89453832	16A	4	12-48V DC	120 × 30 × 22	with strain relief for suspended ceilings		✓				✓
DALI 4Ch LED Dimmer 4A CV DIN rail	89453832-HS	16A	4	12-48V DC	98 × 17,5 × 57	for DIN rail		✓				✓

SW&DIM: 1 control input for dimming and switching
 SW&DIM2: 2 control inputs, see page 2C

1-4 Channels, Constant Current (CC)

DEVICE TYPE DT6 - ONE ADDRESS PER CHANNEL

Lunatone DT6 LED dimmers are used to control lights via up to 4 separately controllable channels. Each channel has its own DALI address and can be configured via the DALI Cockpit software. In addition to the DALI Device Type 6 commands (DT6), the device supports alternative operating modes listed in the following table in the section on the right. Convenient for small installations is the optional control via pushbutton (SW&DIM2). See page 2C for more information on control options and operating modes.



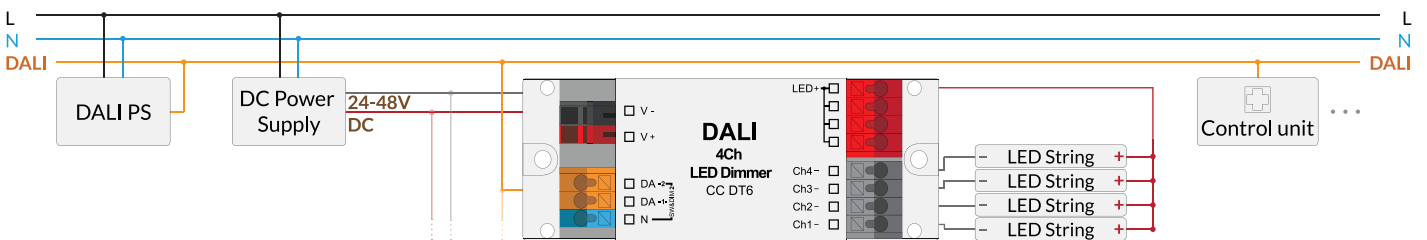
NAME	ARTICLE NUMBER	MAX. INPUT CURRENT PER CHANNEL	NUMBER OF ADDRESSES	DIMENSIONS (MM)	MODEL	SW&DIM2	DIM2WARM	BALANCE&DIM	COLOUR&DIM	GEMEINSAMER MINUSPOL	GEMEINSAMER PLUSPOL
DALI 1Ch LED Dimmer CC 350mA	89453844-350	350mA	1	59 × 33 × 15	for flush-type installation boxes						✓
DALI 1Ch LED Dimmer CC 500mA	89453844-500	500mA	1	59 × 33 × 15	for flush-type installation boxes						✓
DALI 1Ch LED Dimmer CC 700mA	89453844-700	700mA	1	59 × 33 × 15	for flush-type installation boxes						✓
DALI 1Ch LED Dimmer CC 700mA DE	89453844-700DE	700mA	1	120 × 30 × 22	with strain relief for suspended ceilings	✓					✓
DALI 1Ch LED Dimmer CC 1000mA	89453844-1000DE	1000mA	1	120 × 30 × 22	with strain relief for suspended ceilings	✓					✓
DALI 1Ch LED Dimmer CC 1500mA	89453844-1500DE	1500mA	1	120 × 30 × 22	with strain relief for suspended ceilings	✓					✓
DALI 1Ch LED Dimmer CC 2000mA	89453844-2000DE	2000mA	1	120 × 42 × 22	with strain relief for suspended ceilings	✓					✓
DALI 1Ch LED Dimmer CC 2500mA	89453844-2500DE	2500mA	1	120 × 42 × 22	with strain relief for suspended ceilings	✓					✓
DALI 2Ch LED Dimmer CC 350mA	89453845-350	350mA	2	59 × 33 × 15	for flush-type installation boxes		✓	✓			✓
DALI 2Ch LED Dimmer CC 350mA DE	89453845-350DE	350mA	2	120 × 30 × 22	with strain relief for suspended ceilings	✓	✓	✓			✓
DALI 2Ch LED Dimmer CC 500mA	89453845-500	500mA	2	59 × 33 × 15	for flush-type installation boxes		✓	✓			✓
DALI 2Ch LED Dimmer CC 500mA DE	89453845-500DE	500mA	2	120 × 30 × 22	with strain relief for suspended ceilings	✓	✓	✓			✓
DALI 2Ch LED Dimmer CC 700mA	89453845-700	700mA	2	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓			✓
DALI 2Ch LED Dimmer CC 1000mA	89453845-1000	1000mA	2	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓			✓
DALI 2Ch LED Dimmer CC 350mA GM	89453845-350GMDE	350mA	2	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓		✓	
DALI 2Ch LED Dimmer CC 500mA GM	89453845-500GMDE	500mA	2	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓		✓	
DALI 2Ch LED Dimmer CC 700mA GM	89453845-700GM	700mA	2	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓		✓	
DALI 2Ch LED Dimmer CC 1000mA GM	89453845-1000GM	1000mA	2	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓		✓	

NAME	ARTICLE NUMBER	MAX. INPUT CURRENT PER CHANNEL	NUMBER OF ADDRESSES	DIMENSIONS (MM)	MODEL	SW&DIM2	DIM2WARM	BALANCE&DIM	COLOUR&DIM	GEMEINSAMER MINUSPOL	GEMEINSAMER PLUSPOL
DALI 3Ch LED Dimmer CC 350mA	89453846-350	350mA	3	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI 3Ch LED Dimmer CC 500mA	89453846-500	500mA	3	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI 3Ch LED Dimmer CC 350mA GM	89453846-350GM	350mA	3	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI 3Ch LED Dimmer CC 500mA GM	89453846-500GM	500mA	3	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI 3Ch LED Dimmer CC 700mA GM	89453846-700GM	700mA	3	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI 4Ch LED Dimmer CC 250mA	89453855-250	250mA	4	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI 4Ch LED Dimmer CC 350mA	89453855-350	350mA	4	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI 4Ch LED Dimmer CC 500mA	89453855-500	500mA	4	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI 4Ch LED Dimmer CC 700mA	89453855-700	700mA	4	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI 4Ch LED Dimmer CC 350mA GM	89453855-350GM	350mA	4	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI 4Ch LED Dimmer CC 500mA GM	89453855-500GM	500mA	4	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI 4Ch LED Dimmer CC 700mA GM	89453855-700GM	700mA	4	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓	✓	

converting DT8 to DT6, see folder E, page 15

Other output currents are available on request!

Connection example: 4Ch LED dimmer CC DT6, control via DALI (SW&DIM2 connection see page 2C):



DALI LED Dimmer DT8

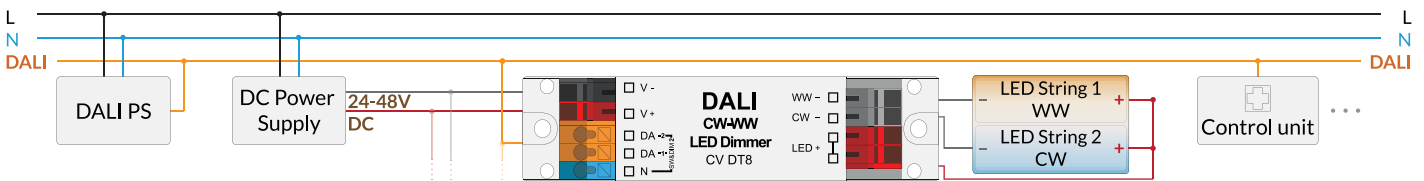
Tunable White, RGB, RGBW - Constant Voltage (CV)

DEVICE TYPE DT8 - COLOUR MANAGEMENT WITH ONLY ONE DALI ADDRESS

Lunatone DT8 LED dimmers are used to control the brightness and colour temperature or colour of Tunable White CW-WW, RGB or RGBW capable luminaires. The devices are DALI Device Type 8 (DT8), which means only one DALI address is needed to control up to 4 outputs. In addition to the DALI Device Type 8 commands (DT8), the device supports alternative operating modes listed in the following table in the section on the right. Convenient for small installations is the optional control via pushbutton (SW&DIM2). See page 2C for more information on control options and operating modes.



Connection example: CW-WW LED dimmer CV DT8, control via DALI (SW&DIM2 connection see page 2C):



NAME	ARTICLE NUMBER	INPUT CURRENT	APPLICATION	SUPPLY	DIMENSIONS (MM)	MODEL	SW&DIM2	DIM2WARM	BALANCE&DIM	COLOUR&DIM
DALI CW-WW LED Dimmer CV 4A	89453836	4A	Tunable White	12-28V	40 × 28 × 15	for flush-type installation boxes		✓	✓	
DALI CW-WW LED Dimmer CV 8A	86458673	8A	Tunable White	12-48V	59 × 33 × 15	for flush-type installation boxes	✓	✓	✓	
DALI CW-WW LED Dimmer CV 10A	89453838	10A	Tunable White	12-48V	120 × 30 × 22	with strain relief for suspended ceilings	✓	✓	✓	
DALI CW-WW LED Dimmer CV 16A	89453841	16A	Tunable White	12-48V	120 × 30 × 22	with strain relief for suspended ceilings	✓	✓	✓	
DALI CW-WW LED Dimmer CV 16A DIN rail	89453841-HS	16A	Tunable White	12-48V	98 × 17,5 × 57	for DIN rail	✓	✓	✓	
DALI 2x CW-WW LED Dimmer CV 16A DIN rail	89453858-HS	16A	Tunable White	12-48V	98 × 17,5 × 57	for DIN rail				
DALI RGB LED Dimmer CV 4A	89453837	4A	RGB	12-48V	59 × 33 × 15	for flush-type installation boxes	✓			✓
DALI RGB LED Dimmer CV 8A	86458514	8A	RGB	12-48V	59 × 33 × 15	for flush-type installation boxes	✓			✓
DALI RGB LED Dimmer CV 10A	89453839	10A	RGB	12-48V	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓
DALI RGB LED Dimmer CV 16A	89453842	16A	RGB	12-48V	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓
DALI RGB LED Dimmer CV 16A DIN rail	89453842-HS	16A	RGB	12-48V	98 × 17,5 × 57	for DIN rail	✓			✓

NAME	ARTICLE NUMBER	INPUT CURRENT	APPLICATION	SUPPLY	DIMENSIONS (MM)	MODEL	SW&DIM2	DIM2WARM	BALANCE&DIM	COLOUR&DIM
DALI RGBW LED Dimmer CV 8A	86458509	8A	RGBW	12-48V	59 × 33 × 15	for flush-type installation boxes				✓
DALI RGBW LED Dimmer CV 10A	89453840	10A	RGBW	12-48V	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓
DALI RGBW LED Dimmer CV16A	89453843	16A	RGBW	12-48V	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓
DALI RGBW LED Dimmer CV 16A DIN rail	89453843-HS	16A	RGBW	12-48V	98 × 17,5 × 57	for DIN rail	✓			✓

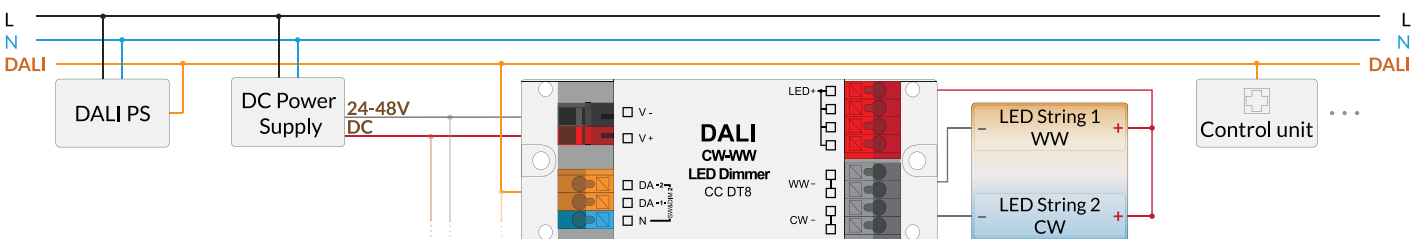
Tunable White, RGB, RGBW - Constant Current (CC)

DEVICE TYPE DT8 - COLOUR MANAGEMENT WITH ONLY ONE DALI ADDRESS

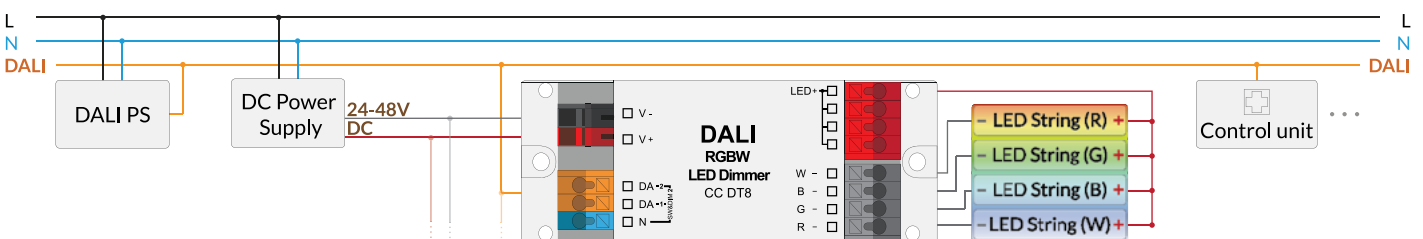
Lunatone DT8 LED dimmers are used to control the brightness and colour temperature or colour of Tunable White CW-WW, RGB or RGBW capable luminaires. The devices are DALI Device Type 8 (DT8), which means only one DALI address is needed to control up to 4 outputs. In addition to the DALI Device Type 8 commands (DT8), the device supports alternative operating modes listed in the following table in the section on the right. Convenient for small installations is the optional control via pushbutton (SW&DIM2). See page 2C for more information on control options and operating modes.



Connection example: CW-WW LED dimmer CC DT8, control via DALI (SW&DIM2 connection see page 2C):



Connection example: RGBW LED dimmer CC DT8, control via DALI (SW&DIM2 connection see page 2C):



NAME	ARTICLE NUMBER	MAX. INPUT CURRENT PRO KANAL	APPLICATION	DIMENSIONS (MM)	MODEL	SW&DIM2	DIM2WARM	BALANCE&DIM	COLOUR&DIM	GEMEINSAMER MINUSPOL	GEMEINSAMER PLUSPOL
DALI CW-WW LED Dimmer CC 350mA	86458911-350	350mA	Tunable White	59 × 33 × 15	for flush-type installation boxes		✓	✓			✓
DALI CW-WW LED Dimmer CC 350mA DE	86458911-350DE	350mA	Tunable White	120 × 30 × 22	with strain relief for suspended ceilings	✓	✓	✓			✓
DALI CW-WW LED Dimmer CC 500mA	86458911-500	500mA	Tunable White	59 × 33 × 15	for flush-type installation boxes		✓	✓			✓
DALI CW-WW LED Dimmer CC 500mA DE	86458911-500DE	500mA	Tunable White	120 × 30 × 22	with strain relief for suspended ceilings	✓	✓	✓			✓
DALI CW-WW LED Dimmer CC 700mA	86458911-700	700mA	Tunable White	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓			✓
DALI CW-WW LED Dimmer CC 1000mA	86458911-1000	1000mA	Tunable White	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓			✓
DALI CW-WW LED Dimmer CC 350mA GM	86458911-350GMDE	350mA	Tunable White	120 × 30 × 22	with strain relief for suspended ceilings	✓	✓	✓		✓	
DALI CW-WW LED Dimmer CC 500mA GM	86458911-500GMDE	500mA	Tunable White	120 × 30 × 22	with strain relief for suspended ceilings	✓	✓	✓		✓	
DALI CW-WW LED Dimmer CC 700mA GM	86458911-700GM	700mA	Tunable White	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓		✓	
DALI CW-WW LED Dimmer CC 1000mA GM	86458911-1000GM	1000mA	Tunable White	120 × 42 × 22	with strain relief for suspended ceilings	✓	✓	✓		✓	
DALI RGB LED Dimmer CC 350mA	86458913-350	350mA	RGB	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI RGB LED Dimmer CC 500mA	86458913-500	500mA	RGB	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI RGB LED Dimmer CC 700mA	86458913-700	700mA	RGB	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI RGB LED Dimmer CC 350mA GM	86458913-350GM	350mA	RGB	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI RGB LED Dimmer CC 500mA GM	86458913-500GM	500mA	RGB	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI RGB LED Dimmer CC 700mA GM	86458913-700GM	700mA	RGB	120 × 30 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI RGBW LED Dimmer CC 100mA	86458912-100	100mA	RGBW	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI RGBW LED Dimmer CC 250mA	86458912-250	250mA	RGBW	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI RGBW LED Dimmer CC 350mA	86458912-350	350mA	RGBW	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI RGBW LED Dimmer CC 500mA	86458912-500	500mA	RGBW	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI RGBW LED Dimmer CC 700mA	86458912-700	700mA	RGBW	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓		✓
DALI RGBW LED Dimmer CC 350mA GM	86458912-350GM	350mA	RGBW	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI RGBW LED Dimmer CC 500mA GM	86458912-500GM	500mA	RGBW	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓	✓	
DALI RGBW LED Dimmer CC 700mA GM	86458912-700GM	700mA	RGBW	120 × 42 × 22	with strain relief for suspended ceilings	✓			✓	✓	

Andere Anschlussströme sind auf Anfrage lieferbar!

230V Operating Devices - DALI LED Power Supply 1 Channel DT6, CV-CC

DEVICE TYPE DT6 - ONE ADDRESS PER CHANNEL

Lunatone DT6 LED Power Supply is used to power and control dimmable lights, with a dimming range of 0.1 to 100% with PWM. Variants for constant current and constant voltage are available. The devices can be configured via the DALI Cockpit Software. Convenient for small installations is the optional control via pushbutton (SW&DIM2). See page 2C for more information on control options and operating modes.



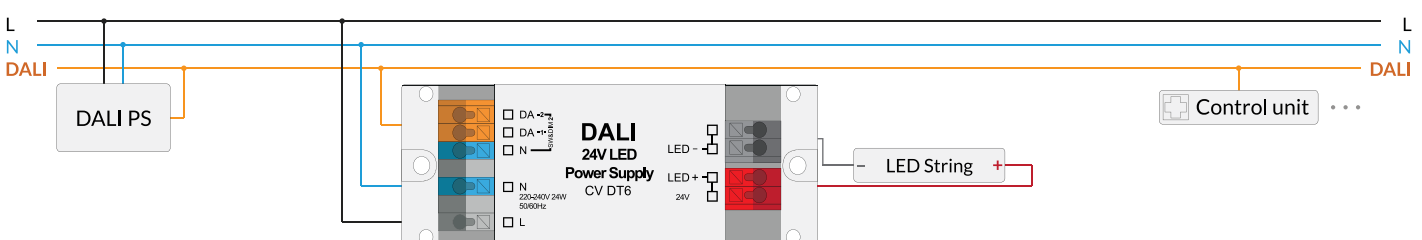
constant voltage CV

NAME	ARTICLE NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX. OUTPUT CURRENT	POWER (W)	DIMENSIONS (MM)	SW&DIM2
DALI LED Power Supply 25W 24V	89453849-24V	220-240V AC	24V DC PWM	1A	24W	120 × 42 × 22	✓

constant current CC

NAME	ARTICLE NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE RANGE	MAX. OUTPUT CURRENT	POWER (W)	DIMENSIONS (MM)	SW&DIM2
DALI LED Power Supply 3W 350mA	89453762-350	220-240V AC	max9V	350mA	3W	59×33×15mm	
DALI LED Power Supply 3W 500mA	89453762-500	220-240V AC	max6,5V	500mA	3W	59×33×15mm	
DALI LED Power Supply 3W 700mA	89453762-700	220-240V AC	max3,5V	700mA	3W	59×33×15mm	
DALI LED Power Supply 15W 250mA	89453849-250	220-240V AC	12V-44V	250mA	3W-11W	120 × 42 × 22	✓
DALI LED Power Supply 15W 350mA	89453849-350	220-240V AC	12V-44V	350mA	4,2W-15,4W	120 × 42 × 22	✓
DALI LED Power Supply 20W 500mA	89453849-500	220-240V AC	12V-36V	500mA	6W-18W	120 × 42 × 22	✓
DALI LED Power Supply 20W 700mA	89453849-700	220-240V AC	12V-32V	700mA	8,4W-22,4W	120 × 42 × 22	✓
DALI LED Power Supply 20W 1050mA	89453849-1050	220-240V AC	12V-21V	1050mA	12,6W-22,05W	120 × 42 × 22	✓

Connection example: DALI 24V LED Power Supply CV DT6, control via DALI (SW&DIM2 connection see page 2C):



230V Operating Devices - DALI LED Power Supply Tunable White DT8, CV-CC

DEVICE TYPE DT8 - COLOUR MANAGEMENT WITH ONLY ONE DALI ADDRESS

Lunatone DT8 LED Power Supply is used to supply and independently control the brightness and colour temperature of Tunable White CW-WW capable luminaires, with a dimming range of 0.1 to 100% with PWM. Variants for constant current and constant voltage are available. The device can be configured via the DALI Cockpit Software (e.g. PWM frequency). Besides the DALI Device Type 8 commands (DT8), the device supports



alternative operating modes listed in the following table in the section on the right. Convenient for small installations is the optional control via pushbutton (SW&DIM2). See page 2C for more information on control options and operating modes.

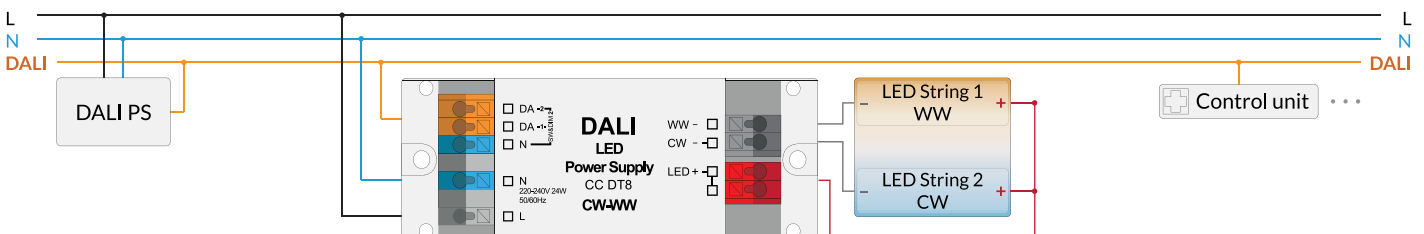
constant voltage CV

NAME	ARTICLE NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX. MAX. OUTPUT CURRENT	POWER (W)	DIMENSIONS (MM)	SW&DIM2	DIM2WARM	BALANCE&DIM	COLOUR&DIM
DALI CW-WW LED Power Supply 25W 24V	89453849-CWW-24V	220-240V AC	24V DC PWM	1A	24W	120 × 42 × 22	✓	✓	✓	
DALI CW-WW LED Power Supply 25W 36V	89453849-CWW-36V	220-240V AC	36V DC PWM	700mA	25,2W	120 × 42 × 22	✓	✓	✓	

constant current CC

NAME	ARTICLE NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE RANGE	MAX. OUTPUT CURRENT	POWER (W)	DIMENSIONS (MM)	SW&DIM2	DIM2WARM	BALANCE&DIM	COLOUR&DIM
DALI CW-WW LED Power Supply 15W 350mA	89453849-CWW-350	220-240V AC	12V-44V	350mA	4,2W-15,4W	120 × 42 × 22	✓	✓	✓	
DALI CW-WW LED Power Supply 20W 500mA	89453849-CWW-500	220-240V AC	12V-36V	500mA	6W-18W	120 × 42 × 22	✓	✓	✓	
DALI CW-WW LED Power Supply 20W 700mA	89453849-CWW-700	220-240V AC	12V-32V	700mA	8,4W-22,4W	120 × 42 × 22	✓	✓	✓	
DALI CW-WW LED Power Supply 20W 800mA	89453849-CWW-800	220-240V AC	12V-28V	800mA	9,6W-22,4W	120 × 42 × 22	✓	✓	✓	
DALI CW-WW LED Power Supply 20W 1000mA	89453849-CWW-1000	220-240V AC	12V-16V	1000mA	12W-16W	120 × 42 × 22	✓	✓	✓	
DALI CW-WW LED Power Supply 20W 1100mA	89453849-CWW-1100	220-240V AC	12V-16V	1100mA	13,2W-17,6W	120 × 42 × 22	✓	✓	✓	

Connection example: DALI LED Power Supply CW-WW CC DT8, control via DALI (SW&DIM2 connection see page 2C):



OVERVIEW FOLDER A-E

INPUT DEVICES, CONTROL UNITS & SENSORS

[→ open Folder A](#)

DALI-2 Display 4" and 7"	2	wDALI Switch Cross	18	DALI CDC - time based CW-WW control	27
DALI-2 Display 7" – Emergency	4	wDALI Remote	19	DALI-2 RTC+ Timer	28
DALI-2 Display Bus Extension	5	wDALI MC - wireless pushbutton coupler	20	DALI NFC App - settings configuration	28
DALI-2 Touchpanel	6	DALI-2 MC - pushbutton coupler	20	DALI Daylight Bluetooth Interface	29
DALI Touchpanel	8	DALI-2 MC1L - pushbutton coupler	21	DALI-2 Audio Interface	29
DALI Bluetooth Interface	8	DALI-2 MC4L - pushbutton coupler	22	DALI-2 CS	30
DALI Touchpanel Bluetooth 4.0	9	DALI-2 MC1L PS, MC2L PS	22	DALI-2 CS Integration THP LE	34
DALI-2 KNX Room Controller	10	DALI-2 MC4L POTI - pushbutton coupler	23	DALI-2 CS Mini	35
DALI-2 Room Controller	10	DALI 100K - interface for potentiometer	23	DALI-2 CS Corridor	36
DALI Cockpit Mobile - smartphone app	11	EnOcean DALI-2 MC	24	DALI CS with 20mA DALI power supply	37
DALI ROT	12	DALI GC(-A) - controlling 2 DALI groups	24	DALI SI, SI-1L	37
DALI-2 ROT	14	DALI SC(-A) - controlling 4 DALI scenes	25	DALI-2 LS - light sensor	38
DALI-2 ROT Touch	16	DALI LR PS 20mA - auto. reduction	25	DALI Temp - temperature sensor	38
DALI-2 Switch Cross NFC	17	DALI-2 Sequencer	26		

PHASE DIMMER, ACTUATORS & SIGNAL CONVERTERS

[→ open Folder B](#)

DALI-2 PD - DALI 230V phase dimmer	2	DALI Jalousie - 230VAC	6	module with 0/1-10V	7
Relay modules RM8 / RM16	3	DALI RM8 / RM16 0-10V - relay modules with	6	DALI 0/1-10V - converting DALI to 0-10V,	8
DALI-2 4Ch PD - 4 channel phase dimmer	4	0-10V input	6	1-10V or PWM	8
DALI-2 4Ch E-RM - 4 channel relay control	4	DALI RM8 / RM16 2×0-10V - for 2 devices	7	DALI Dim2warm - from DT6 to 2x DT6	9
wDALI RM8 - wireless relay module	5	with 0-10V input	7	DALI DT8 to DT6 - from DT8-Tc to 2x DT6	9
DALI 4Ch RC - 4 channel relay control	5	wDALI RM8 0/1-10V PWM - wireless relay	7	1Ch LED Booster/Dimmer	10

OPERATING DEVICES 230VAC / 48V / 24V

[→ open Folder C](#)

1-4 Channels, Constant Voltage (CV)	4	CW-WW, RGB, RGBW - Constant Current	9	230V Operating Devices - DALI LED Power	12
1-4 Channels, Constant Current (CC)	6	230V Operating Devices - DALI LED Power	11	Supply - Tunable White DT8, CV-CC	12
CW-WW, RGB, RGBW - Constant Voltage	8	Supply - 1 Channel DT6, CV-CC	11		

DALI BUS POWER SUPPLY & EXTENSION

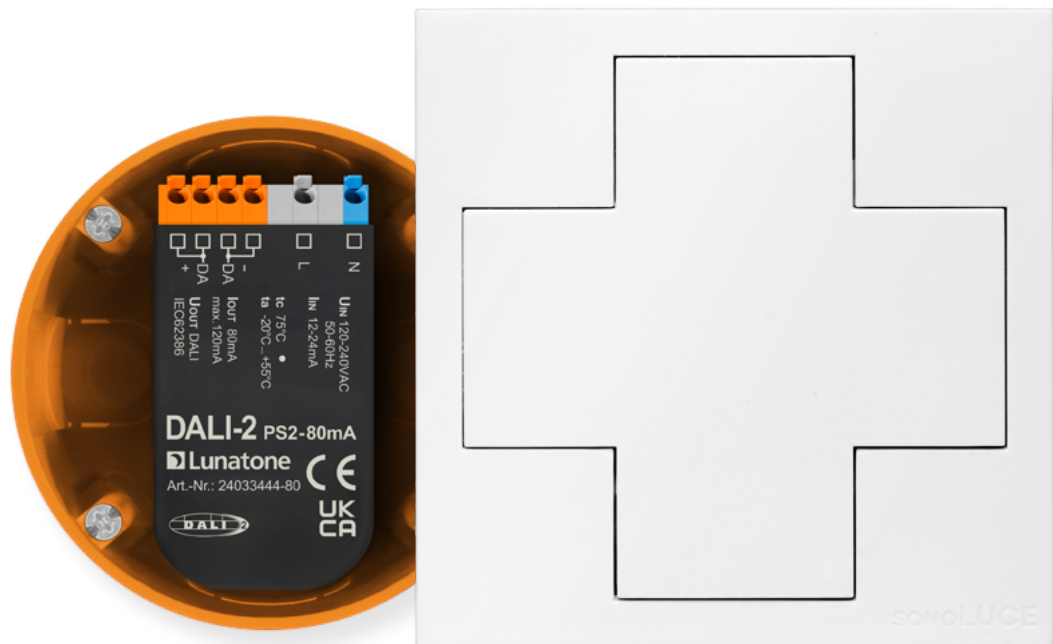
[→ open Folder D](#)

DALI-2 PS - DALI bus power supply	2	wDALI GR-Transwithter – Receiver PS20	6	DALI 4Net - control of 4 DALI lines	8
DALI-2 Expander - system expansion &		wDALI-2 Bluetooth 5 Long Range		DALI-2 Display Bus Extension	9
DALI power supply	3	Transwithter – Receiver	6	24V DC Power Supply	9
DALI Proxy	5	wDALI-2 Bluetooth 5 wireless Bridge	7		
DALI Repeater	5	wDALI-2 Extra Long Range wireless Bridge	7		

INTERFACES, TOOLS & GATEWAYS

[→ open Folder E](#)

DALI Cockpit - PC software	2	DALI-2 KNX Room Controller	10	0-10V DALI - converting 0-10V to DALI with	17
short introduction on commission a DALI		DALI-2 Room Controller	11	30mA bus supply	17
system	2	DALI Cockpit Mobile - Smartphone App	12	4-20mA to DALI Converter - 24V, with	18
DALI-2 USB 30mA	4	DALI Daylight Bluetooth Interface	13	30mA bus supply	18
DALI USB	4	DALI-2 Audio Interface	13	4-20mA to DALI Converter - 230V, with	18
DALI Flash USB	5	DALI SI, SI-1L	14	30mA bus supply	18
DALI-2 WLAN Cockpit Interface	5	DALI DSI - converting DALI to DSI	14	DALI RM8 / RM16 0-10V	19
DALI 4Net - control of 4 DALI lines	6	DALI Dim2warm - from DT6 to 2x DT6	15	DALI RM8 / RM16 2×0-10V	19
DALI-2 SCI RS232	7	DALI DT8 to DT6 - from DT8-Tc to 2x DT6	15	wDALI RM8 0/1-10V PWM - wireless	20
DALI-2 RS232 PS - with DALI bus supply	7	0-10V DALI - converting 0-10V to DALI with	16	DALI Yeslousie - 230VAC	20
DALI-2 IoT Gateway	8	10mA bus supply	16	DALI 0/1-10V - converting DALI to 0-10V,	21
KNX DALI-2 Gateway	9	0-10V DALI - converting 0-10V to DALI with	17	1-10V or PWM	21
KNX 4 DALI Gateway	10	1, 2 or 3 channels	17		



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