



Lunatone DALI Light Management Systems

- DALI BUS SYSTEM
- CONTROLS & HMIS
- INTERFACES & TOOLS
- OPERATING DEVICES & ACTUATORS
- WIRELESS DALI

DALI OVERVIEW

Lunatone DALI products make it possible to realise efficient and reliable lighting installations. The product range includes DALI bus power supplies, controls & HMIS, interfaces,

operating devices & actuators as well as wireless DALI and can be combined with DALI compatible devices.

DALI BUS SYSTEM

DALI Bus Power Supply

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DALI PS



DALI PS2



DALI PS128



DALI PS 30mA



DALI PS 100mA

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DALI Expander



DALI Expander 3

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DALI CS



DALI LS



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INTERFACES & TOOLS

Interfaces, Tools, Software & Apps

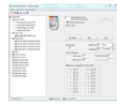
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Single Channel Devices



Tunable White



Colour Control



Multi Channel Devices

WIRELESS DALI

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wDALI MC



wDALI GR-Transmitter/
Receiver PS20



wDALI RM8



wDALI RM8 0-10V

DALI BUS SYSTEM

DALI Bus Power Supply

DALI PS

DALI PS serves as power supply for the DALI bus system. Voltage and current limitation according to standard as well as timing ensure a reliable bus communication. With the output current of up to 250mA an entire DALI line can be supplied. Up to 64 addressable DALI devices and additional 20 to 30 control modules (DALI Sensors, MC, Touch panel...), up to an overall load of 200mA can be connected. Units with different output current and housing are available, suitable for DIN rail

mounting, remote ceiling installation (housing with strain relief) or flush-mounted installation boxes.

DALI PS Art. Nr. 24033444
 DALI PS2 Art. Nr. 24033444-2
 DALI PS 128 Art. Nr. 24033444-128
 DALI PS 30mA Art. Nr. 24033444-30
 DALI PS 100mA Uin: 18-48V Art. Nr. 24033444-24VDO



DALI 4NET

DALI 4Net

This compact 1HP DIN rail module enables the independent control of up to 4 DALI lines, which equals 256 DALI operating devices. The DALI 4Net is multi-master capable, allowing several Lunatone control devices on each DALI line. Efficient scaling is possible with external DALI bus supplies.

The 4 DALI lines and the connected control devices can be configured via Ethernet with the DALI Cockpit Software. Using the Modbus TCP interface the DALI 4Net can be accessed for control and visualisation or connected to a building control system.

Further functions are: cross line control functions for sensors, real time clock, scheduler.

DALI 4Net Art. Nr. 22176666
 DALI 4Net Basic Art. Nr. 22176666-B



System Extension

DALI Expander

With the DALI Expander a new DALI sub-line can be created and supplied with power and information. The connected devices within the DALI sub-line can be controlled broadcast via the address of the DALI Expander. Alternatively the DALI sub-line can be controlled directly with Switch&Dim inputs. The DALI Expander has an integrated DALI bus supply (200mA) for up to 90 DALI devices in the DALI sub-line. The amount of DALI units as well as the line length (up to 300m) can be increased using the DALI Expander.

DALI Expander Art. Nr. 89453847



DALI Expander 3

With the DALI Expander 3, three new DALI sub-lines can be created and supplied with power and information. The connected devices within each DALI sub-line can be controlled broadcast, each sub-line via its own DALI address. Alternatively the DALI sub-lines can be controlled directly with Switch&Dim inputs. The DALI Expander 3 has an integrated DALI bus supply (200mA) for up to max. 3 times 25 DALI devices. The amount of DALI units as well as the line length (up to 300m) can be increased using the DALI Expander 3.

DALI Expander 3 Art. Nr. 89453847-3



DALI Repeater

DALI Repeater provides a galvanic isolation between two DALI lines without restricting the communication flow. The maximum number of DALI addresses in the bus system remains 64. Each of the galvanically isolated sides must be supplied with up to 250mA output current, which gives an overall of 500mA to supply the DALI devices. The DALI Repeater allows an expansion of the DALI line from the usual 300m to 600m. It functions bidirectional and can be used in both single- or multi-master systems.

The DALI Repeater is also available with integrated DALI power supply.

DALI Repeater DIN Rail Art. Nr. 86458401

DALI Repeater mit PS 200mA DE Art. Nr. 86458401-PS



CONTROLS & HMIS

Lunatone controls and HMIs show high simplicity but also flexibility: input device functions are user friendly, intuitive and can be adapted for various applications. The product assortment ranges from touch screens, touch panels, switches and sensors up to smartphone applications.

All modules are multi-master compliant and can be combined arbitrarily. The configuration of the controls and HMI is possible with the DALI Cockpit software tool using the DALI USB interface. The controls are typically DALI bus powered.

Control Devices

DALI Display 7"

The 7" and 24 bit colour touch screen enables commissioning, control and operation of a 2 circuit DALI system (up to 128 DALI operating devices).

Supported functions: Dimming and switching of groups, manual or time-controlled recall of scenes, weekly scheduler, RGB colour lighting management and colour temperature control, recall of circadian daylight curves, human centric lighting and customised user interfaces.

DALI Display 7" Art. Nr. 86458626



DALI Switch Cross

This multifunctional switch module offers four programmable buttons. Each button can be individually configured with target address, button behaviour and DALI commands.

Beside the standard functions, dimming, switching, scene recall, etc., predefined macros such as setting the colour temperature, dynamic scenes and sequencer as well as user defined command lists are also supported.

DALI Switch Cross black Art. Nr. 86459793-B

DALI Switch Cross white Art. Nr. 86459793-W

DALI Switch Cross white RAL9016 Art. Nr. 86459793-W16

customised cross plate symbols Art. Nr. 86459793-Z00

cross plate dimming Art. Nr. 86459793-Z01

cross plate dimming / Jalousie Art. Nr. 86459793-Z02



DALI ROT

DALI ROT is a rotary knob basis to control the light level of DALI luminaires. Versions for Tunable White or RGB-capable luminaires are also available.

The device was developed to fit the rotary covers and knobs of most manufacturers and to enable their integration in the DALI system.

DALI ROT Art. Nr. 86459822

DALI ROT CH Art. Nr. 86459822-CH

DALI ROT TW Art. Nr. 86459822-TW

DALI ROT TW CH Art. Nr. 86459822-TW-CH

DALI ROT RGB Art. Nr. 86459822-RGB

DALI ROT RGB CH Art. Nr. 86459822-RGB-CH

Cover DALI ROT white Art. Nr. 86459822-Z01

Cover DALI ROT black Art. Nr. 86459822-Z02

Cover 6mm Art. Nr. 86459822-Z03



DALI Touchpanel

The DALI Touchpanel is a multifunctional DALI control unit with up to 12 freely configurable keys.

It is possible to choose between a selection of default user interfaces to control groups/scenes and colour/colour temperature. Each button can be individually configured with target address, button behaviour and DALI commands. Beside the standard functions, dimming, switching, scene recall, etc., predefined macros such as setting the colour temperature, dynamic scenes and sequencer as well as user defined command lists are also supported.

The operating panel can be customised and adjusted to any installation by replacing the paper inlay.

DALI Touchpanel 02 Art. Nr. 24035465



included

DALI Touchpanel Bluetooth

The DALI Touchpanel is a multifunctional DALI control unit with up to 12 freely configurable keys and Bluetooth connection to iOS and Android devices (DALI Touch App).

It is possible to choose between a selection of default user interfaces to control groups/scenes and colour/colour temperature. Each button can be individually configured with target address, button behaviour and DALI commands. Beside the standard functions, dimming, switching, scene recall, etc., predefined macros such as setting the colour temperature, dynamic scenes and sequencer as well as user defined command lists are also supported.

The operating panel can be customised and adjusted to any installation by replacing the paper inlay. The default smartphone application interface equals the DALI Touchpanel design but can be adjusted and extended to up to 32 interface pages with control tasks. Customised layouts and menus can be stored on dalitouch.com and accessed by joint users.

DALI Touchpanel 02 Bluetooth 4.0 Art. Nr. 24035465-BT



DALI Bluetooth Interface

DALI Bluetooth Low Energy Interface in combination with the DALI Touch App enables operation and control of DALI Systems with iOS and Android devices.

The functionality of the DALI Bluetooth Interface is identical to the DALI Touchpanel Bluetooth and can also be extended to up to 32 user interfaces for control tasks. Customised layouts and menus can be stored on dalitouch.com and accessed by joint users.

DALI BT Bluetooth 4.0 Art. Nr. 89453584



Couplers & Controls

DALI Sequencer

DALI Sequencer is a control unit to recall automatically timed instruction sequences. 4 different customised sequences can be programmed. Only one sequence can be active at a time, and is started and stopped by standard DALI commands. Housing variants for DIN rail or back box installation are available.

DALI Sequencer Art. Nr. 86459582
DALI Sequencer DIN Rail Art. Nr. 86459582-HS



DALI RTC Timer

The DALI RTC Timer module functions as a timer for DALI commands with quartz precision. Weekday based schedules can be specified. The device supports up to 28 entries, each consisting of a specific time, weekday and DALI command. Housing variants for DIN rail or back box installation are available.

RTC Art. Nr. 86459531
RTC DIN Rail Art. Nr. 86459531-HS



DALI CDC

The DALI CDC enables a day time based adjustment of colour temperature and light level for Tunable White capable DALI DT8 luminaires (circadian daylight curve). The curve can be adjusted to fit the respective application.

DALI CDC Art. Nr. 89453853



DALI MC1L

Interface with a, from the DALI bus galvanically isolated, input for mains voltage. The input can be configured with target address, button behaviour and DALI commands. Beside the standard functions, dimming, switching, scene recall, etc., predefined macros such as setting the colour temperature, dynamic scenes and sequencer as well as user defined command lists are also supported.

The device is designed to fit behind a light switch in a flush-mounted box.

DALI MC-1L Art. Nr. 86458507-1L



DALI MC4L

Interface with 4, from the DALI bus galvanically isolated, inputs for mains voltage. The inputs can be individually configured with target address, button behaviour and DALI commands. Beside the standard functions, dimming, switching, scene recall, etc., predefined macros such as setting the colour temperature, dynamic scenes and sequencer as well as user defined command lists are also supported.

The device is designed to fit behind a light switch in a flush-mounted box.

DALI MC-4L Art. Nr. 86458507-4L
 DALI MC-4L DIN Rail Art. Nr. 86458507-4LHS



DALI MC+

Push button coupler with 4 inputs for connection with standard potential free switches or pushbuttons (max wire length 0.50m). Alternatively 0-10V signals or potentiometers can be connected. Each input can be individually configured with target address, button behaviour and DALI commands. Beside the standard functions, dimming, switching, scene recall, etc., predefined macros such as setting the colour temperature, dynamic scenes and sequencer as well as user defined command lists are also supported.

The device is designed to fit behind a light switch in a flush-mounted box.

DALI MC+ /0-10V Art. Nr. 86459532

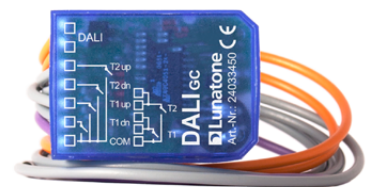


DALI GC / GC-A

DALI GC / GC-A is a control unit to address 2 DALI groups. With this compact module conventional light switches or pushbuttons can be used to send dimming and switching commands to 2 DALI groups. Using the dial on the back of the device the DALI/ luminarie group can be selected.

The device is designed to fit behind a light switch in a flush-mounted box.

DALI GC Art. Nr. 24033450
 DALI GC-A Art. Nr. 24138907

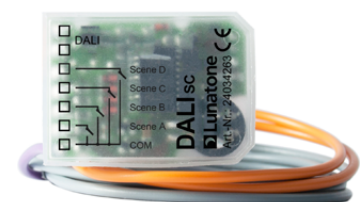


DALI SC / SC-A

DALI SC / SC-A is a control unit to recall DALI scenes. The dial on the back of the device can be used to define which of the 16 scenes will be called at button push. A different light scene can be assigned to each of the 4 independent switch inputs.

The device is designed to fit behind a light switch in a flush-mounted box.

DALI SC Art. Nr. 24034263
 DALI SC-A Art. Nr. 24138906



100K DALI

The DALI 100K enables the control of luminaires in a DALI system with a 100k Ω potentiometer. Target address and dimming characteristic can be configured with the DALI Cockpit software.

The device is designed to fit behind a potentiometer in a flush-mounted box.

DALI 100kohm Art. Nr. 86458506



0-10V to DALI Converter 10mA

This compact module converts analogue 0-10V control signals into DALI light levels.

The module has an integrated bus supply for a small DALI system with up to 4 standard DALI ballasts (10mA). The device offers both a current sink and current source 0-10V input.

Versions with different dimming ranges, such as 1%-100% or 10%-100%, and different DALI functionality at input voltages below 1V are available. An additional configuration with the DALI Cockpit software is not possible.

0-10V DALI 10mA Art. Nr. 86468352-001

0-10V DALI 10mA Art. Nr. 86468352-010

0-10V DALI 10mA Art. Nr. 86468352-101

0-10V DALI 10mA Art. Nr. 86468352-110



0-10V to DALI Converter 30mA

This compact module converts analogue 0-10V control signals into DALI light levels. The module has an integrated bus supply for a small DALI system with up to 10 standard DALI ballasts (30mA). The device offers both a current sink and current source 0-10V input. The dimming characteristic can be configured by using jumpers. An additional configuration with the DALI Cockpit software is not possible.

0-10V DALI 30mA Din Rail Art. Nr. 86468352-HS



0-10V to DALI Converter

This compact module converts 0-10V input voltages into DALI light levels.

Configurations can be made using the DALI Cockpit software. Target address and dimming characteristic can be configured.

1x0-10V DALI HS 1ch DT6 Art. Nr. 86468353-1-HS

2x0-10V DALI HS 2ch DT6 Art. Nr. 86468353-2-HS

3x0-10V DALI HS 3ch DT6 Art. Nr. 86468353-3-HS



Sensors

DALI CS

A compact DALI motion detector with integrated light and temperature sensor.

The module can be used as a control unit for a DALI system or as a measurement tool in combination with central control unit. The module is suitable for various applications such as offices, class rooms, corridors or halls. Following settings can be configured: target address, DALI command for on/off, activate /deactivate each sensor, constant light control and hold time. Multiple sensors within one group synchronise automatically. The DALI CS can be easily installed in flush-mounted boxes or directly on cavity walls. Different versions for surface mounting and suspended ceilings are available.

- Dali CS Movement 12m/Light/Temp, white RAL9010 Art. Nr. 86458621
- Dali CS Movement 12m/Light/Temp, traffic white RAL9016 Art. Nr. 86458621-W16
- Dali CS Movement 12m/Light/Temp, traffic white RAL9016, surface Art. Nr. 86458621-W16-AP
- Dali CS Movement 12m/Light/Temp, traffic white, RAL9016, ceiling Art. Nr. 86458621-W16-ZD
- Dali CS Presence Office 2.5m/Light/Temp, white RAL9016 Art. Nr. 86458621-O-W16
- Dali CS Presence Office 2.5m/Light/Temp, white RAL9016, surface Art. Nr. 86458621-O-W16-AP
- Dali CS Presence Office 2.5m/Light/Temp, white RAL9016, ceiling Art. Nr. 86458621-O-W16-ZD
- Dali CS Movement Corridor wide / Light, black, integrated Art. Nr. 86458621-C
- Dali CS Movement Corridor wide /Light, traffic white RAL9016, surface Art. Nr. 86458621-C-W16-AP
- Dali CS Movement Corridor wide /Light, traffic white RAL9016, ceiling Art. Nr. 86458621-C-W16-ZD
- Dali CS Movement 14m/Light, traffic white RAL9016, surface Art. Nr. 86458621-XL-W16-AP
- DALI CS Movement PS 20mA: Movement 12m/Licht Art. Nr. 89453862



DALI LS

The DALI LS is a compact light sensor with integrated constant lighting control. DALI LS is able to automatically regulate the light level of individual luminaires or lighting groups. Using the dial on the back of the device the preferred light level can be set without any additional configuration in the DALI Cockpit software. The device ensures a constant and efficient room lighting by taking the measured light level and defined light level into account. The module can be used as a control unit for a DALI system or as a measurement tool in combination with central control unit.

- DALI LS Lightsensor, white RAL9010 Art. Nr. 86458674
- DALI LS Lightsensor, traffic white RAL9016 Art. Nr. 86458674-W16
- DALI LS Lightsensor, traffic white RAL9016, surface Art. Nr. 86458674-W16-AP
- DALI LS Lightsensor, traffic white RAL9016, ceiling Art. Nr. 86458674-W16-ZD



DALI Temp PT1000

With the DALI Temp PT1000 temperature can be measured. The measured temperature can be read using DALI scene values. Alongside the integrated temperature sensor, an external PT1000 sensing element can be added. The device can be used to control blinds or to monitor luminaire temperatures or temperatures of a heating system via the DALI Visual software.

DALI Temp-Sensor PT1000 Art. Nr. 86459544



INTERFACES & TOOLS, SOFTWARE & APPS

Interfaces and Tools



DALI USB

DALI USB is an interface module from DALI via USB to PC. This interface allows addressing and configuration of DALI installations with the use of the DALI Cockpit software. Different versions suitable for DIN rail mounting, remote ceiling installation, or with an integrated DALI bus power supply 30mA, are available.

DALI USB Art. Nr. 24138923
 DALI USB MINI Art. Nr. 24138923-DO
 DALI USB 30mA Art. Nr. 24138923-30
 DALI USB DIN Rail Art. Nr. 24138923-HS
 wDALI USB Art. Nr. 24138923-WD

DALI SCI RS232

Serial interface to connect a PC or PLC control unit to a DALI line. Suitable for DIN rail mounting.

DALI SCI RS232 Art. Nr. 22176438-HS
 DALI-RS232-PS240mA Art. Nr. 24166096-PS-DE



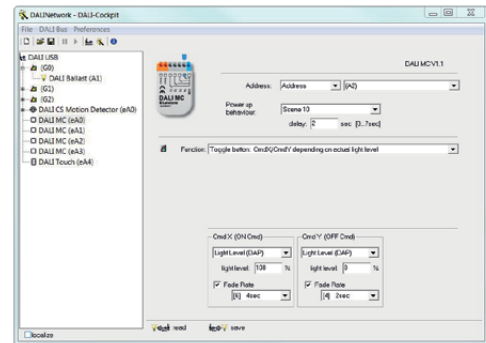
Software and Apps

DALI Cockpit

Software for DALI system configuration and DALI line traffic monitoring.

DALI Cockpit features:

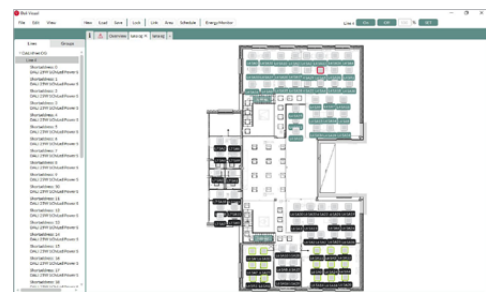
DALI system addressing, configuration of Lunatone DALI components, standard DALI operating devices, creating groups and scenes, monitoring and recording of the DALI bus communication, sending DALI commands as well as saving and loading of the entire system configuration.



DALI Visual

The DALI Visual software offers a convenient way to view and control all the installed DALI devices in a building.

DALI Visual supports different views, as well as simple creation of customized interfaces, grouping of devices and schedules. To make use of this app, the installation of a DALI 4Net as well as Windows OS is required.



DALI Touch App

The DALI Touch App enables the control of DALI systems on a mobile device together with the Lunatone DALI Bluetooth Module. Five standard layouts are available to control light level, light colour, colour temperature as well as luminarie groups and lighting scenes. Customised layouts can be stored on the DALI Touch Server dalitouch.com and downloaded to the mobile device, thereby granting multiple users access.

DALI Daylight

Application to update the basic settings of a DALI system. The following functions are supported: display of configurable devices, direct adjustment of light level and colour temperature, constant light control, setting of automatic colour temperature schedules (Tunable White) and time switch functionality (time intervals) as well as motion sensor configuration.

DALI Finder

DALI Finder is a convenient mapping tool to locate DALI addresses of multiple luminaires within the building, by utilising a by Lunatone patented method.



OPERATING DEVICES & ACTUATORS

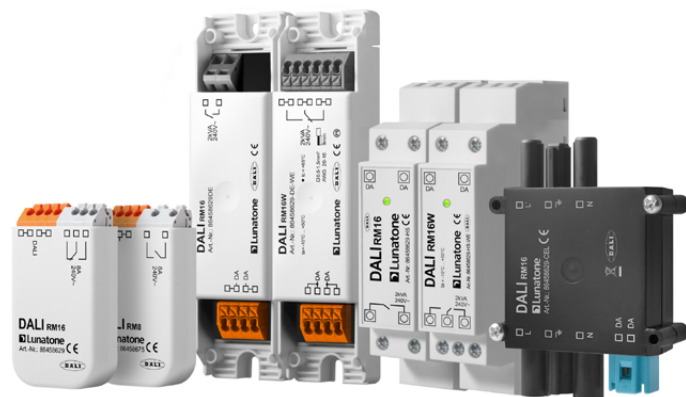
DALI Phase Dimmers, Relays

DALI RM8 RM16

DALI RM8/RM16 provides a via DALI bus controllable relay switch, which allows direct switching of permanent loads up to 2kW. Various compact designs and variations with make contact or changeover contact are available. The purposeful switching in voltage zero crossings, enables an increase of the device lifetime. The product range also includes versions with integrated in-rush current limitation, which are suitable for applications with high in-rush currents.

Power-up mode and system-failure settings can be configured using the DALI Cockpit.

Dali RM8 Art. Nr. 86458675
 Dali RM8 DIN Rail Art. Nr. 86458675-HS
 Dali RM16 Art. Nr. 86458629
 Dali RM16 DE Art. Nr. 86458629-DE
 Dali RM16 DE WE Art. Nr. 86458629-DE-WE
 Dali RM16 HS Art. Nr. 86458629-HS
 Dali RM16 HS WE Art. Nr. 86458629-HS-WE
 DALI RM16 Wieland Stecker Art. Nr. 86458629-CEL



DALI Jalousie

DALI Jalousie module can be used to control blind motors with 230V control input via DALI. Four configurable profiles can be programmed to open/close the blinds and to change the tilt angle. Different versions suitable for DIN rail mounting or remote ceiling installation (housing with strain relief) are available.

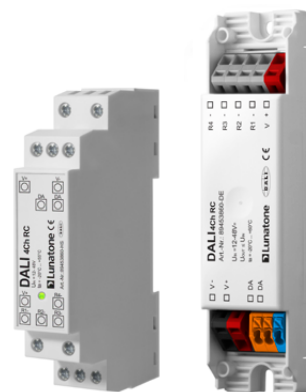
DALI Jalousie HS Art. Nr. 86458676-HS
 DALI Jalousie DE Art. Nr. 86458676-DE



DALI 4Ch RC

DALI relay controller with 4 channels. Each channel has its own DALI address. Designed for controlling relays and contactors with 12V to 48V DC control input. Different versions suitable for DIN rail mounting or remote ceiling installation (housing with strain relief) are available.

DALI 4CH RC Art. Nr. 89453860-DE
 DALI 4CH RC Art. Nr. 89453860-HS



DALI PD

Phase dimmer with DALI input to control dimmable 230V luminaires in a DALI system. Available for leading edge, trailing edge or as universal device with automatic load detection. Available as compact 25W version or as 300W version. From Firmware 3.5 onwards an additional operating mode is supported: DALI controlled switching.

DALI PD 10-300W ab/anschnitt R,L,C Art. Nr. 86458619-300U
 DALI PD 10-300W ab/anschnitt R,L,C Art. Nr. 86458619-300U-HS
 DALI PD 10-300W abschnitt R,C Art. Nr. 86458619-300
 DALI PD 10-300W anschnitt R,L Art. Nr. 86458618-300
 DALI PD 3-25W ab/anschnitt R,L,C Art. Nr. 86458619-25U
 DALI PD 3-25W abschnitt R,C Art. Nr. 86458619-25
 DALI PD 3-25W anschnitt R,L Art. Nr. 86458618-25



DALI Signal Converters

DALI 0-10V LE - analogue

This interface converts DALI signals to an analogue 0-10V signal, thus enables the integration of operating devices with an electrically isolated 1-10V control input into a DALI system. DALI Device Type 5 (IEC62386-206) compatible: linear or logarithmic dimming curve, 0-10V or 1-10V output range.

DALI 0-10V analog Art. Nr. 86458508-LE



DALI 0-10V AN - analogue, galvanic isolation

This interface converts DALI signals to a galvanically isolated, analogue 0-10V signal, thus enables the integration of operating devices with 1-10V control input into a DALI system. DALI Device Type 5 (IEC62386-206) compatible: linear or logarithmic dimming curve.

DALI 0-10V analog galv. getrennt Art. Nr. 86458508-AN



DALI 0-10V PWM - 1mA, galvanic isolation

This interface converts DALI signals to a galvanically isolated PWM signal, thus enables the integration of operating devices with PWM control input into a DALI system. DALI Device Type 5 (IEC62386-206) compatible: linear or logarithmic dimming curve, 0-10V (0-100% PWM) or 1-10V (10-100%) output range.

DALI 0-10V PWM 1mA galv. getrennt Art. Nr. 86458508-PWM



DALI PWM 100mA

This interface converts DALI signals to a galvanically isolated PWM signal, thus enables the integration of operating devices with PWM control input into a DALI system. DALI Device Type 5 (IEC62386-206) compatible: linear or logarithmic dimming curve, switchable output range (0-100% PWM / 10-100% PWM).

DALI PWM 100mA Art. Nr. 86458508-100



DALI DSI

DALI DSI converts DALI commands to DSI signals to enable the integration of DSI-based operating device in a DALI system. The DALI DSI obtains its own address and can be assigned to groups as well as scenes. The compact device is designed to fit in the flush-mounted box.

DALI DSI Art. Nr. 24034689



DALI DT8 to DT6

DALI interface module to convert DT8-Tc control commands to DT6 control signals. The module enables dimming and the setting of the colour temperature via DT8 commands, also for luminaires with two DALI DT6 LED-driver.

DALI DT8 to DT6 Art. Nr. 89453859



DALI RM/0-10V

This interface converts DALI signals to a 1-10V control signal, thus enables the integration of operating devices with 1-10V control input into a DALI system. With the help of the switching relay the power supply of operating devices can be switched on and off.

DALI device type 5 (IEC62386-206) compatible: linear or logarithmic dimming curve, 0-10V or 1-10V output range.

DALI RM8 1-10V analog Art. Nr. 86458668-AN

DALI RM8 0-10V PWM Art. Nr. 86458668

DALI RM16, 0-10V, PWM DE Art. Nr. 86458667-DE

DALI RM16, 1-10V PWM Wieland Stecker Art. Nr. 86458936



1CH LED Booster/Dimmer

LED driver (CV) with one channel, can be operated as PWM-Booster or Dimmer. The device operates as PWM-Booster, if PWM-signals are applied to the input (50Hz-1kHz). If operated with 100kΩ potentiometer or 0-10V control devices (active and passive), the device functions as Dimmer.

1CH LED Booster/Dimmer CV 16A Art. Nr. 86459838



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

DALI LED Power Supply

DALI LED-driver. Input voltage 230V ac, output with secure isolation between mains and DALI. Output signal can be controlled via DALI or SwitchDim2.

Versions for constant current (250mA/350mA ... 1050mA) and constant voltage (24V, 1A max.) are available.

DALI 25W 24V LED Power Supply Art. Nr. 89453849-24V

DALI 15W 350mA LED Power Supply Art. Nr. 89453849-350

DALI 20W 500mA LED Power Supply Art. Nr. 89453849-500

DALI 20W 700mA LED Power Supply Art. Nr. 89453849-700

DALI 20W 1050mA LED Power Supply Art. Nr. 89453849-1050



230V Operating Devices - DALI DT8 LED Power Supply Colour Control CC-CV

DALI LED Power Supply CW-WW

DALI LED-driver for Tunable White LED. Input voltage 230V ac, output with secure isolation between mains and DALI, independent control of light level and colour temperature (DT8).

As alternative to the DT8 control the device also supports the operating modes Balance&Dim, Dim2Warm and SwitchDim2 (control via 2 switch inputs without DALI). Variants for constant current 350mA / 700mA and constant voltage 24V, 1A max are available.

DALI 15W 350mA LED power supply CW-WW Art. Nr. 89453849-CWW-350

DALI 20W 500mA LED power supply CW-WW Art. Nr. 89453849-CWW-500

DALI 20W 700mA LED power supply CW-WW Art. Nr. 89453849-CWW-700

DALI 25W 24V LED power supply CW-WW Art. Nr. 89453849-CWW-24V

DALI 25W 36V LED power supply CW-WW Art. Nr. 89453849-CWW-36V



12-48V Operating Devices - Single Channel Devices

DALI 1Ch LED Dimmer CV DT6

DALI LED-driver for constant voltage LED modules (CV) with 1 channel. Output signal can be controlled via DALI or Sw&Dim/SwitchDim2.

Available in three different housing versions, with input voltage of 12V to 28V DC or 12V to 48V DC, version dependent input currents up to 16A and 1 PWM output (16Bit).

DALI DT6 1Ch CV 4A 12-24V Art. Nr. 89453826

DALI DT6 1Ch CV 8A Art. Nr. 86459556

DALI DT6 1Ch CV 10A Art. Nr. 86459572

DALI DT6 1Ch CV 16A Art. Nr. 89453829



DALI 1Ch LED Dimmer CC DT6

DALI LED-driver for the constant current LED modules (CC) with 1 channel. Output signal can be controlled via DALI or SwitchDim2.

Available with input voltage of 12V to 48V DC, different output currents ranging from 350mA to 2800mA, and PWM output.

DALI DT6 1Ch CC ... mA Art. Nr. 89453844- ...



12-48V Operating Devices - Tunable White

DALI CW-WW LED Dimmer CV DT8

DALI LED-driver (CV) with 2 channels to control Tunable White luminaires via one DALI address (DT8).

As alternative to the DT8 control the device also supports the operating modes Balance&Dim, Dim2Warm and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 28V DC or 12V to 48V DC, version dependent input currents up to 16A and 2 PWM outputs (16Bit).

DALI DT8 CW-WW CV 4A Art. Nr. 89453836

DALI DT8 CW-WW CV 8A Art. Nr. 86458673

DALI DT8 CW-WW CV 10A Art. Nr. 89453838

DALI DT8 CW-WW CV 16A Art. Nr. 89453841

DALI DT8 CW-WW CV 16A Din Rail

Art. Nr. 89453858-HS



DALI CW-WW LED Dimmer CC DT8

DALI LED-driver (CC) with 2 channels to control Tunable White luminaires via one DALI address (DT8).

As alternative to the DT8 control the device also supports the operating modes Balance&Dim, Dim2Warm and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, output voltage of 3V to 45V, different output currents up to 1000mA/channel (common plus connector) or 1400mA/channel (common minus connector) and PWM outputs.

DALI DT8 CW-WW CC 2* ... mA Art. Nr. 86458911- ...

DALI DT8 CW-WW CC 2* ... mA Art. Nr. 86458911- ... GM



12-48V Operating Devices - Colour Control

DALI RGB LED Dimmer CV DT8

DALI LED-driver (CV) with 3 channels to control RGB luminaires via one DALI address (DT8).

As alternative to the DT8 control the device also supports the operating modes Colour&Dim and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, version dependent input currents up to 16A and 3 PWM outputs (16Bit).

- DALI DT8 RGB CV 4A Art. Nr. 89453837
- DALI DT8 RGB CV 8A Art. Nr. 86458514
- DALI DT8 RGB CV 10A Art. Nr. 89453839
- DALI DT8 RGB CV 16A Art. Nr. 89453842



DALI RGB LED Dimmer CC DT8

DALI LED-driver (CC) with 3 channels to control RGB luminaires via one DALI address (DT8).

As alternative to the DT8 control the device also supports the operating modes Colour&Dim and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, output voltage of 3V to 45V, different output currents up to 700mA/channel (common plus or common minus connector) and PWM outputs.

- DALI DT8 RGB CC 3* ... mA gem+ Art. Nr. 86458913- ...
- DALI DT8 RGB CC 3* ... mA gem- Art. Nr. 86458913- ... GM



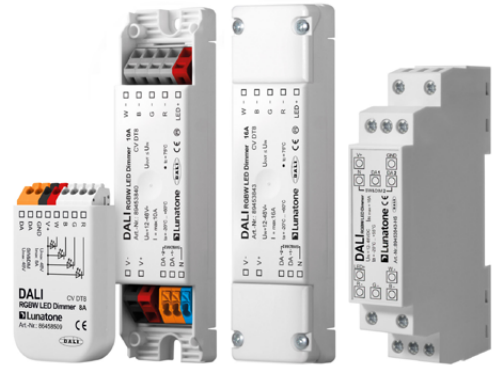
DALI RGBW LED Dimmer CV DT8

DALI LED-driver (CV) with 4 channels to control RGB or RGBW luminaires via one DALI address (DT8).

As alternative to the DT8 control the device also supports the operating modes Colour&Dim and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, version dependent input currents up to 16A and 4 PWM outputs (16Bit).

- DALI DT8 RGBW CV 8A Art. Nr. 86458509
- DALI DT8 RGBW CV 10A Art. Nr. 89453840
- DALI DT8 RGBW CV 16A Art. Nr. 89453843
- DALI DT8 RGBW CV 16A, Din Rail Art. Nr. 89453843-HS



DALI RGBW LED Dimmer CC DT8

DALI LED-driver (CC) with 4 channels to control RGB or RGBW luminaires via one DALI address (DT8).

As alternative to the DT8 control the device also supports the operating modes Colour&Dim and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, output voltage of 3V to 45V, different output currents up to 700mA/channel (common plus or common minus connector) and PWM outputs.

- DALI DT8 RGBW CC 4* ... mA gem+ Art. Nr. 86458912- ...
- DALI DT8 RGBW CC 4* ... mA gem- Art. Nr. 86458912- ... GM



12-48V Operating Devices - Multi Channel Devices

DALI 2Ch LED Dimmer CV DT6

DALI LED-driver (CV) with 2 independent channels. Each channel has its own DALI address.

As alternative to the DT6 control the device also supports the operating modes Balance&Dim, Dim2Warm (suitable for Tunable White luminaires) and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, version dependent input currents up to 16A, and 2 PWM outputs (16Bit).

DALI DT6 2Ch CV 4A Art. Nr. 89453827

DALI DT6 2Ch CV 8A Art. Nr. 89453833

DALI DT6 2Ch CV 10A Art. Nr. 86459561

DALI DT6 2Ch CV 16A Art. Nr. 89453830



DALI 2Ch LED Dimmer CC DT6

DALI LED-driver (CC) with 2 independent channels. Each channel has its own DALI address.

As alternative to the DT6 control the device also supports the operating modes Balance&Dim, Dim2Warm (suitable for Tunable White luminaires) and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, output voltage of 3V to 45V and different output currents up to 1000mA/channel (common plus connector) or 1400mA/channel (common minus connector).

DALI DT6 2Ch CC ... mA gem+ Art. Nr. 89453845- ...

DALI DT6 2Ch CC ... mA gem - Art. Nr. 89453845- ... GM



DALI 3Ch LED Dimmer CV DT6

DALI LED-driver (CV) with 3 independent channels. Each channel has its own DALI address.

As alternative to the DT6 control the device also supports the operating modes Colour&Dim (suitable for RGB luminaires) and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, version dependent input currents up to 16A and 3 PWM outputs (16Bit).

DALI DT6 3Ch CV 4A Art. Nr. 89453828

DALI DT6 3Ch CV 8A Art. Nr. 89453834

DALI DT6 3Ch CV 10A Art. Nr. 86459571

DALI DT6 3Ch CV 16A Art. Nr. 89453831



DALI 3Ch LED Dimmer CC DT6

DALI LED-driver (CC) with 3 independent channels. Each channel has its own DALI address.

As alternative to the DT6 control the device also supports the operating modes Colour&Dim (suitable for RGB luminaires) and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, output voltage of 3V to 45V and different output currents up to 500mA/channel (common plus connector) or 700mA/channel (common minus connector).

DALI DT6 3Ch CC ... mA gem+ Art. Nr. 89453846- ...
 DALI DT6 3Ch CC ... mA gem- Art. Nr. 89453846- ... GM



DALI 4Ch LED Dimmer CV DT6

DALI LED-driver (CV) with 4 independent channels. Each channel has its own DALI address.

As alternative to the DT6 control the device also supports the operating modes Colour&Dim (suitable for RGB and RGBW luminaires) and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, version dependent input currents up to 16A, and 4 PWM outputs (16Bit).

DALI DT6 4Ch CV 8A Art. Nr. 89453835
 DALI DT6 4Ch CV 10A Art. Nr. 86459560
 DALI DT6 4Ch CV 16A Art. Nr. 89453832
 DALI DT6 4Ch CV 16A Din Rail Art. Nr. 89453832-HS



DALI 4Ch LED Dimmer CC DT6

DALI LED-driver (CC) with 4 independent channels. Each channel has its own DALI address.

As alternative to the DT6 control the device also supports the operating modes Colour&Dim (suitable for RGB and RGBW luminaires) and SwitchDim2 (control via 2 switch inputs without DALI).

Available with input voltage of 12V to 48V DC, output voltage of 3V to 45V and different output currents up to 500mA/channel (common plus connector) or 700mA/channel (common minus connector).

DALI DT6 4Ch CC ... mA gem+ Art. Nr. 89453855- ...
 DALI DT6 4Ch CC ... mA gem- Art. Nr. 89453855- ... GM



WIRELESS DALI

With wireless DALI (wDALI) a wireless connection of control devices or luminaires to a DALI system can be established. Each wDALI unit consists of at least two parts, one of them being connected to the DALI system. The second component can be positioned anywhere within the radio range of the transmitter (approx. 20 to 50m). The system enables wireless control of DALI components using wireless switches or remote

control units. It also allows integration of luminaires into a DALI system without DALI wiring. Thereby, wDALI provides an easy to install solution to extend DALI installations. Settings, such as assigning receivers and transmitters, can be configured using the DALI Cockpit PC Software. It is also possible to assign several transmitters to a single receiver.

wDALI Switch Cross

This multifunctional DALI control module is wirelessly connected to the DALI line. This battery powered switch can be mounted anywhere within the reception range of the receiver, without great installation effort. Each button can be individually configured with target address, button behaviour and DALI commands.

Beside the standard functions: dimming, switching, scene recall, etc., predefined macros such as setting the colour temperature, dynamic scenes and sequencer as well as user defined command lists are also supported.

wDALI Switch Cross white + Transceiver Art. Nr. 86459587-TR + Art. Nr. 86459541-W+T
 wDALI Switch Cross white Art. Nr. 86459541-W
 wDALI Switch Cross black + Transceiver Art. Nr. 86459587-TR + Art. Nr. 86459541-B+T
 wDALI Switch Cross black Art. Nr. 86459541-B



wDALI Remote

A remote control for DALI systems with 12 buttons. This remote control enables location independent control of a DALI system (light, blends, ventilators, ...).

Each button can be individually configured with target address, button behaviour and DALI commands. Beside the standard functions, dimming, switching, scene recall, etc., predefined macros such as setting the colour temperature, dynamic scenes and sequencer as well as user defined command lists are also supported. The device is multi-master compliant and allows the usage of multiple control modules in the DALI line.

wDALI Remote white + Transceiver Art. Nr. 86459587-TR + Art. Nr. 86459534-W+T
 wDALI Remote white Art. Nr. 86459534-W
 wDALI Remote black + Transceiver Art. Nr. 86459587-TR + Art. Nr. 86459534-B+T
 wDALI Remote black Art. Nr. 86459534-B



wDALI MC

Interface wirelessly connected to the DALI line. This battery powered wDALI module has four individually configurable switch inputs. The device can be mounted anywhere within the reception range of the receiver, which has to be connected to the DALI line. The configuration can be applied via the DALI Cockpit. Each button can be individually configured with target address, button behaviour and DALI commands. Beside the standard functions, dimming, switching, scene recall, etc., predefined macros such as setting the colour temperature, dynamic scenes and sequencer as well as user defined command lists are also supported. The device is multi-master compliant and allows the usage of multiple control modules in the DALI line.

wDALI MC + Transceiver Art. Nr. 86459587-TR + Art. Nr. 89453848+T
 wDALI MC Art. Nr. 89453848



wDALI GR-Transmitter/Receiver PS20

Module to wirelessly tether spatially divided DALI ballast to a DALI system. The GR transmitter, connected to the DALI line, wirelessly sends DALI commands to one or more receivers. The wDALI Receiver PS20 has got an integrated 20mA bus supply for the DALI subsystem.

Using the dial on the back of the receiver an address for the DALI subsystem can be selected. The devices in the subsystem can be controlled via broadcast or the set group address.

wDALI GR Transmitter Art. Nr. 86459587-GRTM

wDALI GR Receiver PS20 Art. Nr. 86459587-GRRPS



wDALI RM8

Wireless and wDALI controlled relay module. wDALI RM8 enables the integration of spatially divided switchable ballasts, e.g. floor lamps and exterior luminaires, into the DALI system.

wDALI RM8 + Transmitter Art. Nr. 86459587-TM + Art. Nr. 86459542+T

wDALI RM8 Art. Nr. 86459542



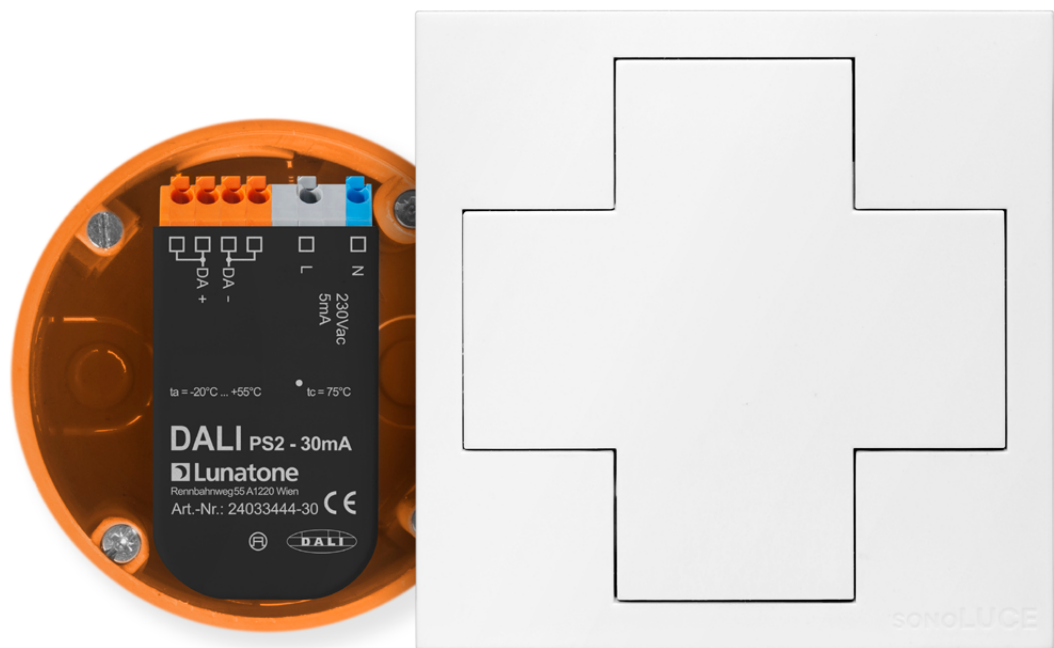
wDALI RM8 0-10V

Wireless and wDALI controlled 1-10V Interface with integrated relay for switching of electrical loads with a 0-10V control port. The wDALI RM8 0-10V enables the integration of spatially divided switchable ballasts, e.g. floor lamps and exterior luminaires, into the DALI system.

wDALI RM8 1-10V PWM + Transmitter Art. Nr. 86459587-TM + Art. Nr. 89453852+T

wDALI RM8 1-10V PWM Art. Nr. 89453852





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