DALI ACU BT

DALI ACU BT | Control units for light management systems

Product family features

- Compact light control with DALI interface
- Smart phone connection via Bluetooth to control and configure
- One DALI output channel (Broadcast or Groupcast)
- Up to 32 DALI luminaires connectable
- Supports up to 4 OSRAM DALI sensors and pushbutton couplers
- Daylight-dependent regulation and presence-dependent control of light
- Separate pushbutton input to operate via standard pushbutton
- Supports DALI DT8 Tunable White driver
- Outputs with electronical reversible overtemperature, short-circuit, overload protection
- Length of the DALI control cable: up to 300 m
- Length of the pushbutton cable: up to 50 m
- Suitable for flush box mounting

Product family benefits

- Control the light via Smartphone
- Adjustment of all settings via smartphone
- Plug and Play: Basic features usable without App
- Simplified startup thanks to predefined operation modes
- Intuitive manual dimming, switching and changing of colour temperature
- Up to 4 groups separatly controllable
- Adjustable Offset for different groups
- Easy Scene creation via App
- Scene-recall via OSRAM DALI PRO PB coupler possible
- Firmware update over-the-air via Bluetooth possible
- Integrated DALI supply
- Control of standard white or Tunable White light acc. DALI device type 8 (DT8)*
- Selected DALI parameters changeable via APP

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Areas of application

- Offices
- Conference rooms
- Training rooms
- Classrooms
- Corridors
- Shop lighting

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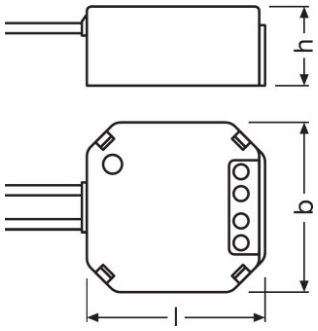
Technical data

Electrical data

Nominal voltage	220...240 V
Mains frequency	50/60 Hz
System wattage	3.00 W

Dimensions & weight



Length	49.0 mm
Width	48.0 mm
Height	22.0 mm
Product weight	40.00 g

Colors & materials

Product color	Light grey

Temperatures & operating conditions

Ambient temperature range	-20...+60 °C

Capabilities

Dimmable	No
Dimming interface	DALI
Number of control outputs	1
Transmitter range	15 m
Type of installation	Luminaire integration/Integrated in flush device box
Scenes	16 [1)]
Max. connectable push button couplers	4 [2)]
App Control	Yes (Android/ iOS)
Commissioning tool	App (Android/ iOS)

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[1] Each DALI ECG can store up to 16 light scenes.

[2] Max number pro DALI line. The actual number depends on the total number of DALI devices (couplers, sensors and ECGs) connected on the same DALI line

Certificates & standards

Type of protection	IP20
Protection class	II
Approval marks – approval	CE

Logistical data

Commodity code	85371098990

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	18-08-2023
Primary Article Identifier	4052899544819
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	dc2f44f4-d115-43f7-beb1-965da995f32f

Equipment / Accessories

- Free App for iOS and Android available at the app store

Download Data

	File
	User instruction DALI ACU BT Control
	User instruction DALI ACU BT Control
	Brochures Light is easy to use - Plug-and-play app control solutions... (EN)
	Certificates DALI Zigbee DALI VDE 40047700 080422

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899544819	DALI ACU BT	Shipping carton box 60	344 mm x 254 mm x 278 mm	24.29 dm^3	3861.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Accessories Optional

Product description	Accessory name	Accessory code
DALI ACU BT	DALI LS/PD LI	4052899043954
DALI ACU BT	LS/PD AP KIT	4052899173385
DALI ACU BT	DALI LS/PD CI	4052899930292

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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