

PRODUCT DATASHEET DALI ACU BT

DALI ACU BT | Control units for light management systems



Areas of application

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

Product 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 separately 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

Product 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

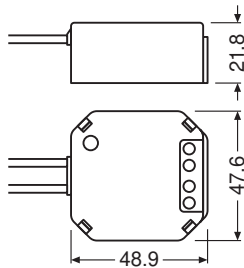
- Daylight-dependent regulation and presence-dependent control of light
- Separate pushbutton input to operate via standard pushbutton
- Supports DALI DT8 Tunable White driver
- Outputs with electronical reversible overtemperature, short-circuit, overload protection
- Length of the DALI control cable: up to 300 m
- Length of the pushbutton cable: up to 50 m
- Suitable for flush box mounting

TECHNICAL DATA

Electrical data

| | |
|---------------------|-------------|
| Nominal wattage | 3.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50/60 Hz |
| Operating frequency | 50/60 Hz |

Dimensions & Weight



| | |
|----------------|----------|
| Length | 49 mm |
| Width | 48.00 mm |
| Height | 22.00 mm |
| Product weight | 40.00 g |

Colors & materials

| | |
|---------------|------------|
| Product color | Light grey |
|---------------|------------|

Temperatures & operating conditions

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

Additional product data

| | |
|---|--------------------|
| Number of control outputs | 1 |
| Max. connectable push button couplers / sensors | 4 |
| Commissioning App | App (Android/ iOS) |
| Groups | 4 |

Capabilities

| | |
|---------------------------|--|
| Dimmable | No |
| Dimming interface | DALI |
| Number of control outputs | 1 |
| Type of installation | Luminaire integration/Integrated in flush device box |

| | |
|-------------------|------|
| Transmitter range | 15 m |
|-------------------|------|






Certificates & Standards

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

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|---------------------|
|  | User instruction / safety instructions | DALI ACU BT Control |
|  | Extended installation guide | DALI ACU BT Control |
|  | Declarations of conformity | DALI ACU BT |
|  | Declarations of conformity UKCA | DALI ACU BT UK |
|  | Certificates | VDE |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4052899544819 | Folding box 1 | 81 mm x 81 mm x 46 mm | 57.00 g | 0.30 dm ³ |
| 4052899544826 | Shipping box 60 | 344 mm x 254 mm x 278 mm | 3847.00 g | 24.29 dm ³ |

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.

DISCLAIMER

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