Light is easy to use
Plug-and-play app control solutions
and control units for DALI drivers

Convenient and simple with free app via Bluetooth®

Light is OSRAM

OSRAM

Easy-to-use light management with Bluetooth® interface

DALI App Control Unit Bluetooth®: One DALI channel for controlling standard or Tunable White LED drivers or any other DALI ECG, plug-and-play start-up and comfortable smartphone control with a free-of-charge app. The control of professional lighting has never been easier.

Flexible
Following the successful OSRAM toolbox approach, installation and planning of this energy-efficient system is extremely easy and convenient. Components can be mounted behind a classic pushbutton in a flush-mounted device box or directly into a luminaire.
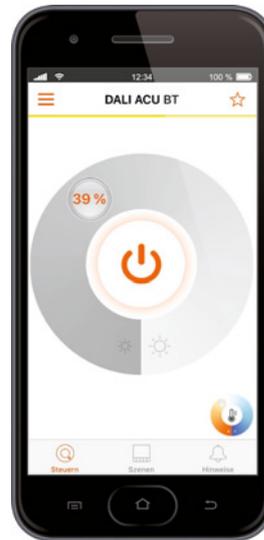
Expandable and installation-friendly
All components are simply interconnected via DALI. Sensors and pushbutton couplers are directly powered via DALI and do not need additional mains supply. An unlimited number of standard pushbuttons can be connected.

Easy light management
DALI ACU BT offers the following features: Intuitive user control of light levels and color temperatures, storage of individual scenes and manual override of automatic light control at any time via smartphone in combination with classic ON/OFF or dimming control by standard pushbuttons.

OSRAM BT Control app for convenient use

For Android   For iOS

OSRAM BT Config app for easy configuration (for DALIeco BT)*

For Android   For iOS

Wide variety of applications
With DALI ACU BT, you can control up to 32 DALI LED drivers and up to 4 DALI sensors are supported. DALI ACU BT is best suited for individual lighting:

— Conference and meeting rooms
— Small and medium-sized offices
— Entrance areas
— Backlighting in signage or ambient lighting applications
— Design luminaires and light objects

Easy installation in standard flush boxes in four simple steps

Only one component for the entire lighting control: Turning standard pushbuttons into fully functional DALI control units.

01 Connect the DALI ACU BT to the mains and DALI wires.

02 Place the DALI ACU BT into the flush box.

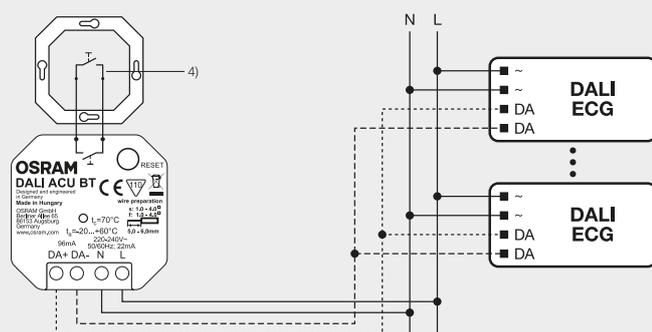**03** Connect the DALI ACU BT to the pushbutton.

04 Mount the cover of the pushbutton.

A simple product for numerous possibilities
— Dimming and switching of any type of DALI luminaires
— Automatic or manual storage of the switch-on level via app and standard pushbutton
— Daylight and presence-dependent lighting control
— Feedback from system through bidirectional communication
— Upgrade of existing installations as retrofit solution

— Change of individual parameters right up to the generation of individual function profiles via app
— DALI voltage supply already integrated
— Combinable with OSRAM DALI sensors
— Control of color temperature (Tunable White)
— Automatic switch-off with freely adjustable time delay switch
— Adjustable standby lighting value
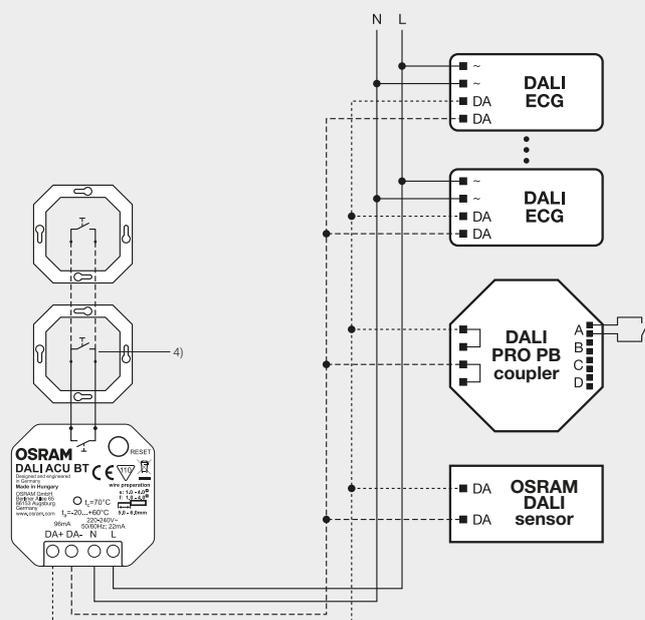
Standard application

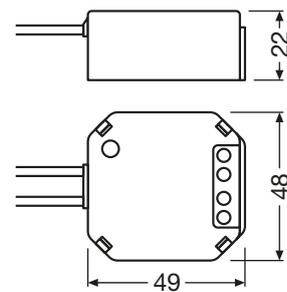**Pure manual control of up to 32 DALI LED drivers**

Length of the DALI control cable: up to 300 m
Length of the pushbutton cable: up to 50 m

Special application

Combination of manual control and light and motion sensors

Length of the DALI control cable: up to 300 m
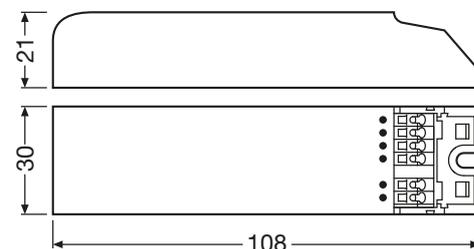Length of the pushbutton cable: up to 50 m

DALI ACU BT

Product name	GTIN (EAN)	V	Hz	CONTROL	No. of OUTPUTS	IP	m	🔧	Ta
DALI ACU BT	4052899**544819**	220...240	50/60	DALI	1	IP20	15	Luminaire integration/ Integrated in flush device box	-20...+60

Looking for a different form factor? Planning an installation in a false ceiling?

For this, we recommend our DALIeco BT control unit, which offers the same functionality and specifications as the DALI ACU BT with a different form factor and cable clamp option with the ECO CI KIT.
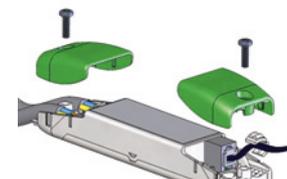
DALIeco BT*

Product name	GTIN (EAN)	V	Hz	CONTROL	No. of OUTPUTS	IP	m	🔧	Ta
DALIeco BT CONTROL	4052899**988781**	220...240	50/60	DALI	1	IP20	15	Luminaire integration/ Independent mounting	-20...+60

Sensors and accessories

DALI LS/PD CI sensor
Light and presence sensor for ceiling integration

GTIN (EAN)
4052899**930292**

DALI LS/PD LI sensor
Light and presence sensor for luminaire integration

GTIN (EAN)
4052899**043954**

LS/PD AP KIT
On-top ceiling mounting adapter for DALI LS/PD LI

GTIN (EAN)
4052899**173385**

ECO CI KIT
Cable clamp for DALIeco BT CONTROL

GTIN (EAN)
4008321**392091**

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