PRODUCT DATASHEET
FLEX CONTROL UNIT DALI-2 TW

FLEX CONTROL UNIT DALI-2 TW | Control unit for up-to 32 lights and up-to 4 sensors/pushbutton couplers



Areas of application

- Single room lighting up to 300 sqm with one control unit
- Up to 4 entrance and exit areas can be manually controlled in a synchronized manner
- Connection of light and presence sensors for automated light control
- RGB and Tunable white applications

Product benefits

- Up to 4 groups separately controllable
- Easy Scene creation via App
- Simplified startup thanks to predefined operation modes
- Integrated DALI supply
- Adjustment of all settings via smartphone
- Support of swarm function

Product features

- DALI-2 certified compact control unit for up-to 32 lights and up-to 4 sensors/pushbutton couplers
- Daytime depending change of brightness and color temperature
- Pushbutton interface to separately control brightness and color temperature
- One DALI output channel (Broadcast or Groupcast)
- Supports DALI DT8 Tunable White driver
- Smart phone connection via Bluetooth to control and configure
- Cable length of the DALI control cable: up to 300 m
- Length of the pushbutton cable: up to 50 m

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TECHNICAL DATA

Electrical data

Nominal wattage	3.00 W
Nominal voltage	220…240 V
Type of current	DC
Input current	22 mA
Mains frequency	50…60 Hz
Operating frequency	50/60 Hz

Dimensions & Weight



Length	119.00 mm
Width	30.00 mm
Height	21.00 mm
Cable cross-section, input side	0.5…1.5 mm^2
Wire preparation length, input side	8…9 mm
Product weight	55.00 g

Colors & materials

Product color	Light grey

Temperatures & operating conditions

Ambient temperature range	-20…+60 °C
Maximum temperature at tc test point	70 °C
Temperature range in operation	-20…+60 °C

Lifespan

Number of switching cycles	30000

Additional product data

Number of control outputs	1
Max. connectable push button couplers / sensors	4
Max. number of connected drivers	32
Commissioning App	App (Android/ iOS)
Light control tool App	App (Android/ iOS)

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Groups	4

Capabilities

Dimmable	No
Dimming interface	DALI-2
Type of installation	Luminaire integration/Independent mounting

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

- App for iOS and Android available for free in the app store

Safety advice

- All electrical connections must be made by a qualified person.
- Disconnect mains before installation.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	FLEX CU DALI 2 TW
PDF	User instruction / safety instructions	FLEX CU DALI-2 TW
PDF	Extended installation guide	Application Guide FLEX Control Units DALI2
PDF	Extended installation guide	Application Guide FLEX Control Units DALI-2
PDF	On-Pack-Info	Privacy Information LEDVANCE DALI CONFIG APP EN
PDF	On-Pack-Info	Privacy Information LEDVANCE DALI CONTROL APP EN
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	FLEX CU DALI-2 TW

	CAD/BIM files	Document name
STEP	CAD STEP 3D	FLEX CU RTC DALI-2 HCL TW

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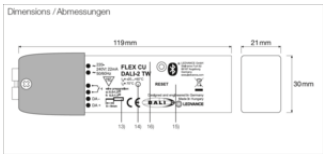
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	Tender documents	DALI-2 CONTROL UNITS DALI-2 TW-EN

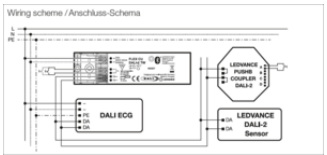
LOGISTICAL DATA

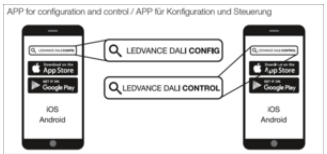
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075843844	Folding box 1	160 mm x 35 mm x 40 mm	77.00 g	0.22 dm^3
4058075843851	Shipping box 25	223 mm x 197 mm x 179 mm	2037.00 g	7.86 dm^3

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.

ADDITIONAL CATALOG INFORMATION







References / Links

– For current information see www.ledvance.com/light-management-systems

DISCLAIMER

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

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