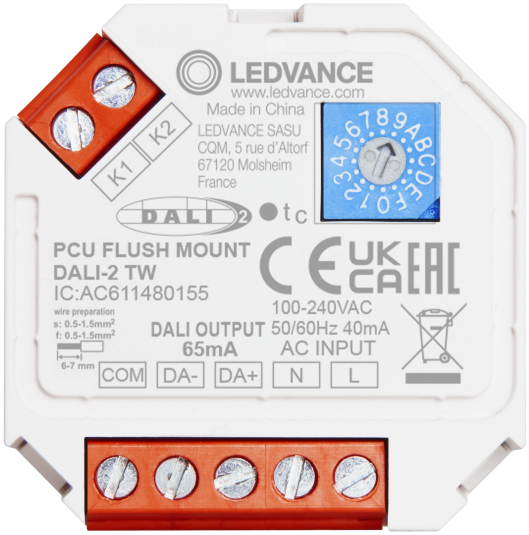
PRODUCT DATASHEET
PUSH CONTROL UNIT FLUSH MOUNT DALI-2 TW

PUSH CONTROL UNIT FM DALI-2 TW | DALI-2 interface for standard lighting switches, installation in flush-mounted box, enables Tunable White lighting



Areas of application

- One-room solution for up to 4 access areas
- Meeting and conference rooms
- Restaurants
- Shop lighting
- Private homes

Product benefits

- Compatible with all common push button designs
- Simple, intuitive operation
- Manual dimming, switching and saving
- Individual adjustment of the brightness level and color temperature
- Integrated DALI bus power supply (no mains connection required)
- Behavior after power interruption can be set
- Easy installation with pre-assembled connection cable
- Compatible with DALI-2 luminaires; LED strips and lights

Product features

- DALI-2 control device for installation in standard flush-mounted boxes or DIN rails in switch cabinets
- Up to 4 control devices can be connected in parallel to set up several control points
- Automatic synchronization between control points
- Number of DALI lights per control unit: up to 25
- Cable length of the DALI control cable: up to 300 m

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TECHNICAL DATA

Electrical data

Nominal wattage	2.50 W
Nominal voltage	100…240 V
Input current	40 mA
Nominal output current	65 mA
Mains frequency	50…60 Hz

Dimensions & Weight



Length	45.00 mm
Width	45.00 mm
Height	20.00 mm
Cable cross-section, input side	0.5…1.5 mm^2
Wire preparation length, input side	6…7 mm
Product weight	44.00 g

Colors & materials

Product color	White

Temperatures & operating conditions

Ambient temperature range	-25…+50 °C
Maximum temperature at tc test point	58 °C
Temperature range in operation	-25…+50 °C

Lifespan

Number of switching cycles	50000

Additional product data

Number of control outputs	1
Number of connectable sensors (only sensors with mains switching contact)	16
Max. number of connected drivers	25
Commissioning App	Ready to use

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Groups	1

Capabilities

Dimmable	Yes
Dimming interface	DALI-2
Dimming range	1…100 %
Type of installation	Integrated in flush device box

Certificates & Standards

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

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	PCU FLUSH MOUNT DALI-2 TW
PDF	Extended installation guide	Application guide PCU FM DALI-2 TW
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety Insert G11210554
PDF	Declarations of conformity	PCU FLUSH MOUNT DALI-2 TW
PDF	Declarations of conformity UKCA	PCU FLUSH MOUNT DALI-2 TW

	CAD/BIM files	Document name
STEP	CAD STEP 3D	PCU FLUSH MOUNT DALI-2 TW

	Tender texts	Document name
TXT	Tender documents	PUSH CONTROL UNIT FLUSH MOUNT DALI 2 TW-EN

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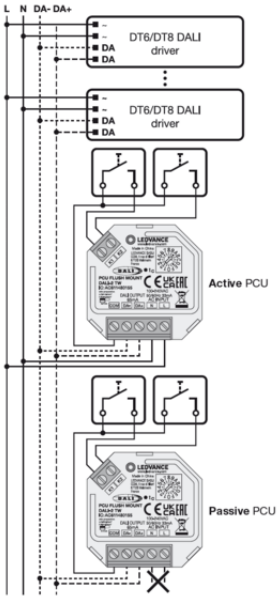
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075837584	Folding box 1	45 mm x 86 mm x 100 mm	69.00 g	0.39 dm^3
4099854295737	Shipping box 20	245 mm x 192 mm x 225 mm	1654.00 g	10.58 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

Wiring scheme /
Anschluss-Schema



Maximum number of devices /
Maximale Geräteanzahl

Active PCU FLUSH MOUNT DALI-2 TW	1	2	3	4
Passive PCU FLUSH MOUNT DALI-2 TW	1	2	1	–
DALI drivers	25	50	75	100

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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