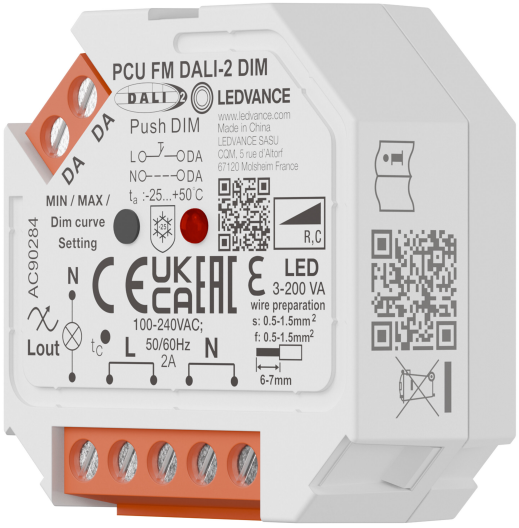
PRODUCT DATASHEET
PUSH CONTROL UNIT FM DALI-2 DIM

PUSH CONTROL UNIT FM DALI-2 DIM | Push button dimmer for manual light control



Areas of application

- Living spaces (living room, bedroom, dining room, study-home office, bathroom)
- Offices
- Shops
- Bars, restaurants
- Hotel rooms

Product benefits

- Optimized dimming behavior in combination with lamps and lights in LEDVANCE / OSRAM brands
- Lamp friendly switching on (soft start)
- Minimum and maximum brightness adjustable
- Electronic reversible short-circuit, over-temperature and overload protection
- Push-dim operation with standard push buttons

Product features

- Phase-cut dimmer for installation in standard switch boxes or DIN rails in the electrical cabinets
- DALI-2 certified device for seamless integration into DALI systems
- Compatible with all common push button designs in the market
- Switching and dimming of LED lights and LED lamps, Halogen lamps, Incandescent lamps
- Rated power LED lamps und LED luminaires: min. 3 VA / max. 200 VA
- Rated power Halogen lamps and Incandescent lamps: min. 3 VA / max. 400 VA
- Phase cut output wire length: max. 80 m
- Push-DIM control wire length: max. 25 m

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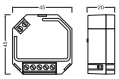
TECHNICAL DATA

Electrical data

Nominal wattage	400.00 W [1)]
Nominal voltage	100…240 V
Type of current	AC
Mains frequency	50…60 Hz

1) Rated power capacitive load: 3 VA - 200 VA / Rated power ohmic load: 3 VA - 400 VA

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	43.00 g

Colors & materials

Product color	White

Temperatures & operating conditions

Ambient temperature range	-25…+50 °C
Maximum temperature at tc test point	54 °C
Temperature range in operation	-25…+50 °C

Lifespan

Number of switching cycles	50000

Additional product data

Product remark	Available from June 2026

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Capabilities

Dimmable	Yes
Dimming interface	DALI-2
Dimming range	1…100 %
Overheating protection	Reversible
Overload protection	Reversible
Short-circuit protection	Reversible
Type of installation	Integrated in flush device box

Certificates & Standards

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

LOGISTICAL DATA

Temperature range at storage	-40…+85 °C

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	G11277396 PCU FLUSH MOUNT DALI-2 DIM
PDF	Extended installation guide	Application guide PCU FLUSH MOUNT DALI-2 DIM
PDF	Legal information	Safety Insert G11201420
PDF	Legal information	Legal insert G11254740 SENSOR DALI-2
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	PCU DALI DIM
PDF	Declarations of conformity UKCA	PCU DALI DIM

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	Tender texts	Document name
	Tender documents	PUSH CONTROL UNIT FM DALI-2 DIM FM DALI-2 DIM-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854846922	Folding box 1	45 mm x 86 mm x 100 mm	68.00 g	0.39 dm^3
4099854846939	Shipping box 20	245 mm x 192 mm x 225 mm	1634.00 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.

References / Links

- For current information see www.ledvance.com/light-management-systems
- Compatible with dimmable lamps www.ledvance.com/dimmable-lamps
- Discover our matching phase-cut dimmers www.ledvance.com/phase-cut-dimmers
- For dimming conformity see www.ledvance.com/dim

DISCLAIMER

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