PRODUCT DATASHEET
MANUAL CONTROL UNIT GROUP DALI-2 TW

MANUAL CONTROL UNIT GROUP DALI-2 TW | DALI-2 control units for manual light control



Areas of application

- Rooms with up to 4 entrances/exits
- Meeting and conference rooms
- Bars, restaurants
- Hotel rooms

Product benefits

- Easy entry into DALI lighting control
- Flexible creation of up to 4 individually controllable lighting groups and 4 scenes without additional app or software
- Mains powered (active mode) or DALI powered (passive mode) operation
- Individual settings via integrated rotary control
- Compatible with standard motion detectors
- High quality glass cover
- Adjustable orientation and function lighting around the rotary knob
- 7-year system guarantee in combination with LEDVANCE DALI lights without registration
- Optional surface mount frame available

Product features

- DALI-2 control device for installation in standard switch boxes
- Number of DALI lights per control unit: up to 25
- Rotary knob and touch-sensitive glass cover for manual light control
- Lighting control functions: ON/OFF, DIM, SCENES, GROUPS, TUNABLE WHITE
- Up to 4 control devices can be connected in parallel to set up several control points
- Automatic synchronization between control points



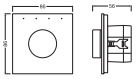
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TECHNICAL DATA

Electrical data

Nominal wattage	2.70 W
Nominal voltage	100…240 V
Type of current	AC
Input current	42 mA
Nominal output current	65 mA
Mains frequency	50…60 Hz
Surge capability (L-N)	1000 V

Dimensions & Weight



Length	86.00 mm
Width	86.00 mm
Height	56.00 mm
Cable cross-section, input side	0.5…1.5 mm^2
Wire preparation length, input side	6…7 mm
Product weight	176.00 g

Colors & materials

Product color	White

Temperatures & operating conditions

Ambient temperature range	-25…+50 °C
Maximum temperature at tc test point	60 °C
Temperature range in operation	-25…+50 °C

Lifespan

Number of switching cycles	30000

Additional product data

Product remark	Available from June 2026

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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
Light control tool App	No
Groups	1

Capabilities

Dimmable	Yes
Dimming interface	DALI-2
Dimming range	1…100 %
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

Accessories Optional

Product image	Product name	EAN
	SURFACE MOUNT FRAME	4058075843561

EQUIPMENT / ACCESSORIES

- Surface Mount Frame

Safety advice

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

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DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	G11273218 MCU GROUP DALI-2 TW MI
PDF	User instruction / safety instructions	G11279177 MCU GROUP DALI-2 TW OI
PDF	Extended installation guide	Application guide MCU GROUP DALI-2 TW
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	MCU GROUP
PDF	Declarations of conformity UKCA	MCU GROUP

	Tender texts	Document name
TXT	Tender documents	MANUAL CONTROL UNIT GROUP DALI-2 TW GROUP DALI-2 TW-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854748691	Folding box 1	104 mm x 112 mm x 62 mm	220.00 g	0.72 dm^3
4099854748707	Shipping box 30	320 mm x 320 mm x 250 mm	7158.00 g	25.60 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

DISCLAIMER

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

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