# PRODUCT DATASHEET
# MANUAL CONTROL UNIT SELECT DALI-2 TW

MANUAL CONTROL UNIT SELECT DALI-2 TW | Manual control unit for up-to 25 lights, 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

- Simple, intuitive operation
- Manual dimming, switching and saving of light settings
- Individual adjustment of the brightness level and color temperature
- High quality glass cover
- Behavior after power interruption can be set
- Mains powered (active mode) or DALI powered (passive mode) operation
- Optional surface mount frame available
- Compatible with LEDVANCE VIVARES DALI light management system (LEDVANCE DALI luminaires)

## Product features

- DALI-2 control device for installation in standard flush-mounted boxes
- Rotary knob for manual light control
- 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

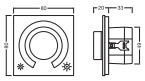

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# TECHNICAL DATA

## Electrical data

| | |
|---|---|
| Nominal wattage | 2.70 W |
| Nominal voltage | 100…240 V |
| Input current | 48 mA |
| Nominal output current | 65 mA |
| Mains frequency | 50…60 Hz |

## Dimensions & Weight



| | |
|---|---|
| Length | 80.00 mm |
| Width | 80.00 mm |
| Height | 53.00 mm |
| Cable cross-section, input side | 0.5…1.5 $mm^2$ |
| Wire preparation length, input side | 6…7 mm |
| Product weight | 220.00 g |

## Colors & materials

| | |
|---|---|
| Product color | White |

## Temperatures & operating conditions

| | |
|---|---|
| Ambient temperature range | -20…+50 °C |
| Maximum temperature at tc test point | 57 °C |

## Lifespan

| | |
|---|---|
| Number of switching cycles | 30000 |

## 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 |
| Light control tool App | No |
| Groups | 1 |


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## 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 |

## Accessories Optional

| Product image | Product name | EAN |
|---|---|---|
|  | SURFACE MOUNT FRAME | 4058075843561 |

## 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 | MCU SELECT DALI-2 |
| PDF | Extended installation guide | Application guide MCU SELECT DALI-2 controllers |
| PDF | Legal information | Legal Insert DALI COMPONENTS |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Declarations of conformity | MCU DALI |
| PDF | Declarations of conformity UKCA | MCU DALI |

| | Tender texts | Document name |
|---|---|---|
| TXT | Tender documents | MANUAL CONTROL UNIT SELECT DALI 2 TW-EN |

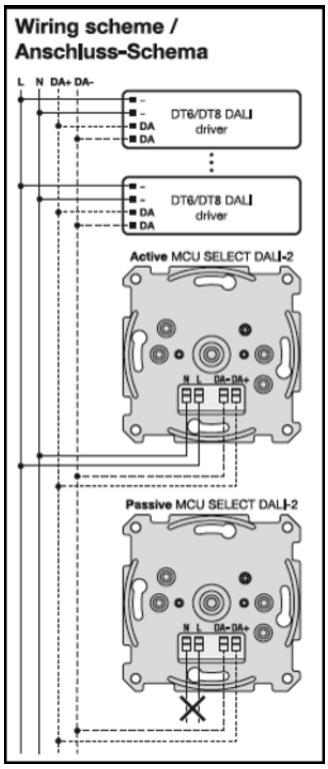

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## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075837508 | Folding box<br>1 | 102 mm x 112 mm x 55 mm | 264.00 g | 0.63 $dm^3$ |
| 4099854334610 | Shipping box<br>30 | 320 mm x 320 mm x 250 mm | 8478.00 g | 25.60 $dm^3$ |

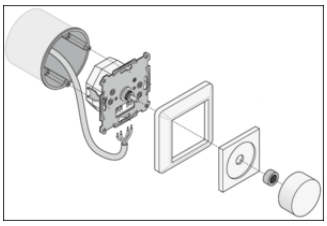
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## ADDITIONAL CATALOG INFORMATION




**Maximum number of devices / Maximale Geräteanzahl**

| | | | | |
|---|---|---|---|---|
| **Active** MCU SELECT / TW / EXC TW | 1 | 2 | 3 | 4 |
| **Passive** MCU SELECT / TW / EXC TW | 1 | 2 | 1 | – |
| **DALI** driver | 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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