

# PRODUCT DATASHEET

## RELAY DALI-2 CEILING MOUNTING

RELAY DALI-2 CEILING MOUNTING | Integration of non-dimmable luminaires in DALI lighting systems (DT7)



### Areas of application

- Integration of non-dimmable luminaires in DALI lighting systems (DT7)

### Product benefits

- Simple integration of non-dimmable luminaires in DALI systems
- Configurable Power-Up behaviour
- Integrated current limiter
- Over temperature protection for save operation
- Supports over voltage protection for long product lifetime
- Zero cross switching
- Compatible with LEDVANCE VIVARES DALI light management system

### Product features

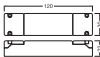
- Pre-mounted endcap with strain relief function for flexible product installations
- Suitable for high inrush currents up to 350 A
- Fulfills the requirements for DALI Device Type 7 - switching function
- Switching of non-dimmable loads up to 16 A via DALI
- Suitable for loads with high inrush current

TECHNICAL DATA

Electrical data

|                 |            |
|-----------------|------------|
| Nominal wattage | 3000.00 W  |
| Nominal voltage | 230 V      |
| Type of current | AC         |
| Nominal current | 16 A       |
| Inrush current  | 350 A      |
| Mains frequency | 50...60 Hz |

Dimensions & Weight



|                                      |                           |
|--------------------------------------|---------------------------|
| Length                               | 120.00 mm                 |
| Width                                | 30.00 mm                  |
| Height                               | 22.00 mm                  |
| Cable cross-section, input side      | 0.5...1.5 mm <sup>2</sup> |
| Cable cross-section, output side     | 0.5...2.5 mm <sup>2</sup> |
| Wire preparation length, input side  | 8.5...9.5 mm              |
| Wire preparation length, output side | 8.5...9.5 mm              |
| Product weight                       | 54.00 g                   |

Colors & materials

|               |                    |
|---------------|--------------------|
| Product color | White              |
| Body material | Polycarbonate (PC) |

Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+60 °C |
| Maximum temperature at tc test point | 65 °C        |

Lifespan

|                            |        |
|----------------------------|--------|
| Number of switching cycles | 100000 |
|----------------------------|--------|

Additional product data

|                           |                              |
|---------------------------|------------------------------|
| Product remark            | Available from December 2025 |
| Number of control outputs | 1                            |

## Capabilities

|                             |                      |
|-----------------------------|----------------------|
| Dimmable                    | Yes                  |
| Dimming interface           | DALI-2               |
| Overheating protection      | Reversible           |
| Type of installation        | Independent mounting |
| Reverse polarity protection | Yes                  |
| Over voltage protection     | Yes                  |

## Certificates &amp; Standards

|                    |           |
|--------------------|-----------|
| Standards          | CE / UKCA |
| Protection class   | II        |
| Type of protection | IP20      |

## LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -20...+75 °C |
|------------------------------|--------------|

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

## DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                      |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|
|  | User instruction / safety instructions | RELAY DALI 2 CM                    |
|  | Legal information                      | Safety Insert G11201420            |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG |
|  | Legal information                      | Legal Insert G11185544             |
|  | Declarations of conformity             | CE declaration RELAY DALI-2        |
|  | Declarations of conformity UKCA        | UKCA declaration RELAY DALI-2      |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854709135 | Folding box<br>1             | 33 mm x 163 mm x 24 mm               | 66.00 g      | 0.13 dm <sup>3</sup> |

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854709142 | Shipping box<br>100          | 337 mm x 257 mm x 184 mm             | 6770.00 g    | 15.94 dm <sup>3</sup> |

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.

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### References / Links

– For current information see [www.ledvance.com/light-management-systems](http://www.ledvance.com/light-management-systems)

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### DISCLAIMER

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