

## PRODUCT DATASHEET

### DALI PS 100 LI

DALI PS 100 LI | Accessories



#### Product benefits

- Suitable for small standalone DALI installations
- Enable dimmable retrofit for drop ceiling applications
- Suitable to power DEXAL sensor and RF modules
- Suitable for applications, where no DEXAL driver is available
- Suitable for DC operation 176...276 V

#### Product features

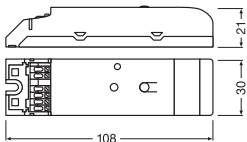
- DALI Bus power supply up to 100 mA
- Supply voltage: 220...240 V
- Short-circuit, overload and overtemperature protection
- Push terminals for easy wiring
- Compact size: 108 x 30 x 21 mm

TECHNICAL DATA

Electrical data

|                     |             |
|---------------------|-------------|
| Nominal wattage     | 3.00 W      |
| Nominal voltage     | 220...240 V |
| Input voltage AC    | 198...264 V |
| Input voltage DC    | 176...276 V |
| Mains frequency     | 50/60 Hz    |
| Operating frequency | 0/50/60 Hz  |

Dimensions & Weight



|                                      |                              |
|--------------------------------------|------------------------------|
| Length                               | 108.00 mm                    |
| Width                                | 30.00 mm                     |
| Height                               | 21.00 mm                     |
| Cable cross-section, input side      | 0.5...1.5 mm <sup>2</sup> 1) |
| Cable cross-section, output side     | 0.5...1.5 mm <sup>2</sup> 1) |
| Wire preparation length, input side  | 8.0...9.0 mm                 |
| Wire preparation length, output side | 8.0...9.0 mm                 |
| Product weight                       | 41.00 g                      |

1) Flexible / Solid leads

Temperatures & operating conditions

|  |              |
|--|--------------|
| Ambient temperature range                | -30...+60 °C |
| Maximum temperature at tc test point     | 70 °C        |
| Max.housing temperature in case of fault | 100 °C       |

Additional product data

|                |  |
|----------------|--|
| Product remark | This DALI Bus power Supply is not allowed to be connected with other DALI Bus power supplies on the same line. |
|----------------|--|

Capabilities

|                   |         |
|-------------------|---------|
| Dimmable          | No      |
| Dimming interface | DALI 1) |

|                      |  |
|----------------------|--|
| Type of installation | Luminaire integration/Independent mounting |
|----------------------|--|

1) Basic Insulation

### Certificates & Standards

|                           |  |
|---------------------------|--|
| Approval marks – approval | CE / DALI-2  |
| Standards                 | Acc. to IEC 61347-1 / Acc. to IEC 61547 / Acc. to IEC 55015 / Acc. to IEC 61000-3-2 / Acc. to IEC 61000-3-3 / Acc. to IEC 62386-101:Ed2 / Acc. to IEC 61347-2-11 |
| Protection class          | II   |
| Type of protection        | IP20   |



### LOGISTICAL DATA

|                              |             |
|------------------------------|-------------|
| Temperature range at storage | -25...80 °C |
|------------------------------|-------------|

### EQUIPMENT / ACCESSORIES

– Ceiling or independent installation via ECO CI KIT possible

### DOWNLOAD DATA

| Documents and certificates  | Document name   |
|---|---|
|  User instruction / safety instructions | DALI PS 100 LI  |
|  Declarations of conformity             | EU Declaration of Conformity DALI PS 100 LI-3672418-EN-00 |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4052899583221 | Folding box<br>1             | 160 mm x 35 mm x 40 mm               | 67.00 g      | 0.22 dm <sup>3</sup> |
| 4052899583238 | Shipping box<br>25           | 223 mm x 197 mm x 179 mm             | 1787.00 g    | 7.86 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.

### DISCLAIMER

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