

PRODUCT DATASHEET DR DALI-P -42/220-240/1A0

LED DRIVER DALI PERFORMANCE GEN 3 | Compact constant LED driver with DALI dimming interface



Areas of application

- Luminaires of protection class I and II
- Indoor SELV installations
- Suitable for LED T5 FC EXTERNAL P
- Emergency lighting systems (DC capable)
- Cove lighting
- Offices
- Education
- Storage areas

Product benefits

- Flexible dip switch current settings on device in 50mA steps
- DALI-2 certified incl. Parts 251, 252, 253
- Push DIM application for easy control
- Low flickering enables high light quality as well as good visual comfort
- High-quality dimming of 1...100 %
- Toolless installation

Product features

- 1 channel DALI-2 certified LED driver
- Available with output current range: from 150...1,050 mA
- Type of installation: independent and built-in
- Suitable for emergency lighting fixtures acc. to EN 60598-2-2 with emergency output factor EOFI=15%
- Quick and easy current setting via Dip-Switch
- Very long lifetime: up to 100,000 h
- Supply voltage: 220...240 V
- Operated with Safety extra-low voltage (SELV): < 60 V

TECHNICAL DATA

Electrical data

| Nominal wattage | 42.00 W |
|---------------------------|----------------------|
| Nominal voltage | 220240 V |
| Nominal current | 270 mA |
| Type of current | DC |
| Inrush current | 5.32 A |
| Suitable for DC input | Yes |
| Input voltage DC | 198264 V |
| Operating frequency | 0/50/60 Hz |
| Mains frequency | 0/50/60 Hz |
| Total harmonic distortion | < 5 % ¹⁾ |
| Power factor λ | > 0.95 ¹⁾ |
| Surge capability (L-N) | 1 kV |

¹⁾ Full load at 230 V/50 Hz

Dimensions & Weight



| Product weight | 128.00 g | | | |
|--------------------------------------|---------------------------|--|--|--|
| Temperatures & operating conditions | | | | |
| Ambient temperature range | -20+45 °C | | | |
| Maximum temperature at tc test point | 85 °C | | | |
| Lifespan | | | | |
| Number of switching cycles | 60000 | | | |
| Additional product data | | | | |
| Mercury content | 0.0 mg | | | |
| Product remark | Available from March 2025 | | | |

Capabilities

Certificates & Standards

| | Type of protection | IP20 |
|-----------|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| Standards | | Acc. to EN 61347-1 / Acc. to EN 61347-2-13 / Acc. to EN 55015 / Acc. to EN 61547 / Acc. to EN 61000-3-2 / Acc. to EN 62384 |

Country-specific categorizations

| ĺ | | DD DALL D 40/00 |
|---|-----------------|-----------------|
| | Order reference | DR DALI-P-42/22 |

LOGISTICAL DATA

| emperature range at storage | -20+80 °C |
|-----------------------------|-----------|
|-----------------------------|-----------|

Energy labelling regulation data acc EU 2019/2015

| Length | 105.00 mm |
|--------|-----------|
| Height | 25.00 mm |
| Width | 45.00 mm |

Accessories Optional

| Product image | Product name | EAN |
|---------------|------------------------|---------------|
| | DR AY DALI-P CLAMP DUO | 4099854400605 |

EQUIPMENT / ACCESSORIES

- Cable clamps for independent operation

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Disconnect mains before installation.
- Do not open enclosure-housing.

DOWNLOAD DATA

| | Documents and certificates | Document name |
|-----|----------------------------------------|---------------|
| PDF | User instruction / safety instructions | DR DALI P |

| | Documents and certificates Document name | |
|-----|------------------------------------------------------|-------------------------|
| PDF | Legal information Informationstext 18 Abs 4 ElektroG | |
| PDF | Legal information | Safety Insert G11205865 |
| PDF | Declarations of conformity DR_AY DALI-P_CLAMP DUO | |
| PDF | Declarations of conformity UKCA | DR AY_DALI-P_CLAMP DUO |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075845381 | Folding box 1 | 52 mm x 112 mm x 34 mm | 138.00 g | 0.20 dm ³ |
| 4058075845398 | Shipping box 20 | 305 mm x 265 mm x 130 mm | 3060.00 g | 10.51 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 Guarantee see www.ledvance.com/guarantee

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