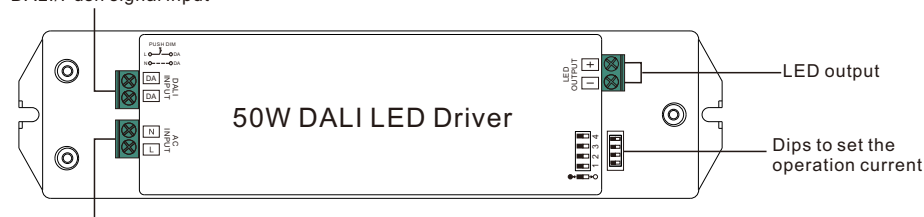


**9057201**

DALI Konstantstrom Netzteil 250-1000mA

**Important:** Read All Instructions Prior to Installation**Function introduction**

DALI/Push signal input



AC 200-240V input

Product Data

| Output | LED Channel | 1 | | | | | | | |
|---------|---------------------------|---------------------------------|-------|-------|-------|-------|-------|-------|--------|
| | Selectable Current | 250mA | 300mA | 350mA | 400mA | 450mA | 500mA | 550mA | 600mA |
| | DC Voltage Range | 8-52V | 8-52V | 8-52V | 8-52V | 8-52V | 8-52V | 8-52V | 8-52V |
| | Selectable Current | 650mA | 700mA | 750mA | 800mA | 850mA | 900mA | 950mA | 1000mA |
| | DC Voltage Range | 8-52V | 8-52V | 8-52V | 8-52V | 8-52V | 8-52V | 8-52V | 8-50V |
| | Current Tolerance | ±5% | | | | | | | |
| | Rated Power | Max. 50W | | | | | | | |
| Input | Voltage Range | 200-240V AC | | | | | | | |
| | Frequency Range | 50/60Hz | | | | | | | |
| | Power Factor (Typ.) | > 0.97 | | | | | | | |
| | Total Harmonic Distortion | THD ≤ 8% (@ full load / 230VAC) | | | | | | | |
| | Efficiency (Typ.) | 87% @ 230VAC full load | | | | | | | |
| | AC Current (Typ.) | 0.27A @ 230VAC | | | | | | | |
| | Inrush Current (Typ.) | COLD START Max. 8A at 230VAC | | | | | | | |
| Control | Leakage Current | < 0.5mA /230VAC | | | | | | | |
| | Dimming Interface | RF (869.5/916.5mhz) | | | | | | | |
| | Dimming Range | 0.1%-100% | | | | | | | |
| | Dimming Method | Hybrid Comfy Dimming | | | | | | | |
| | Dimming Curve | Logarithmic/Linear | | | | | | | |

| Protection | Short Circuit | Yes, recovers automatically after fault condition is removed |
|--------------|--------------------------|---|
| | Over Voltage | Yes, recovers automatically after fault condition is removed |
| | Over Temperature | Yes, recovers automatically after fault condition is removed |
| Environment | Working Temp. | -20°C ~ +45°C |
| | Max. Case Temp. | 75°C (Ta= "45°C") |
| | Working Humidity | 10% ~ 95% RH non-condensing |
| | Storage Temp. & Humidity | -40°C ~ +80°C, 10% ~ 95% RH |
| Safety & EMC | Safety Standards | ENEC EN61347-1, EN61347-2-13 approved |
| | Withstand Voltage | I/P-O/P: 3.75KVAC |
| | Isolation Resistance | I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH |
| | EMC Emission | EN55015, EN61000-3-2, EN61000-3-3 |
| | EMC Immunity | EN61547, EN61000-4-2,3,4,5,6,8,11 |
| Others | MTBF | 191300H, MIL-HDBK-217F @ 230VAC at full load and 25 ambient temperature |
| | Dimension | 210*50*32mm (L*W*H) |

Dips to set the operation current

| | 1 | 2 | 3 | 4 |
|-------|---|---|---|---|
| 250mA | ○ | ○ | ○ | ○ |
| 300mA | ○ | ○ | ○ | ● |
| 350mA | ○ | ○ | ● | ○ |
| 400mA | ○ | ○ | ● | ● |
| 450mA | ○ | ○ | ○ | ○ |
| 500mA | ○ | ● | ○ | ● |
| 550mA | ○ | ● | ○ | ○ |
| 600mA | ○ | ● | ● | ● |

| | 1 | 2 | 3 | 4 |
|--------|---|---|---|---|
| 650mA | ● | ○ | ○ | ○ |
| 700mA | ● | ○ | ○ | ● |
| 750mA | ● | ○ | ● | ○ |
| 800mA | ● | ○ | ● | ● |
| 850mA | ● | ○ | ○ | ○ |
| 900mA | ● | ● | ○ | ● |
| 950mA | ● | ● | ○ | ○ |
| 1000mA | ● | ● | ● | ● |

- Dimmable DALI LED driver
- In compliance with IEC 62386-101:2014, IEC 62386-102:2014, IEC 62386-207 Ed2
- Built-in DALI-2 interface, DALI DT6 device
- Amplitude dimming (PWM dimming under 1%), flicker free
- Smooth and deep dimming to 0.1%
- 1 channel constant current output , max. output power 50W
- Dip switches to select operation current from 250mA-1000mA
- Class 2 power supply, full isolated plastic case
- High power factor and efficiency
- Stand-by power consumption less than 0.5W
- Compatible with universal DALI masters that support DT6 commands
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT set operation current with power applied to the device.
- DO NOT expose the device to moisture.

Operation

1. DALI Address Assigned by DALI Masters

DALI address can be assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.

2. Power On Level

Power on level is a DALI parameter that defines the level of a control gear after power is restored. The factory default power on level for this driver is 100, which means the driver will be at 100% intensity when power is restored.

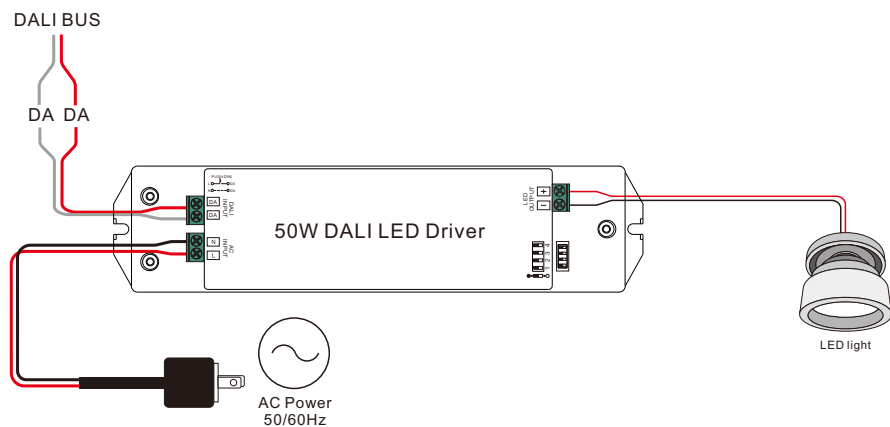
3. Push Dimmer Mode

While connected with a AC PUSH, it means Push Dimmer Mode, and operations under Push Dimmer Mode are as follows:

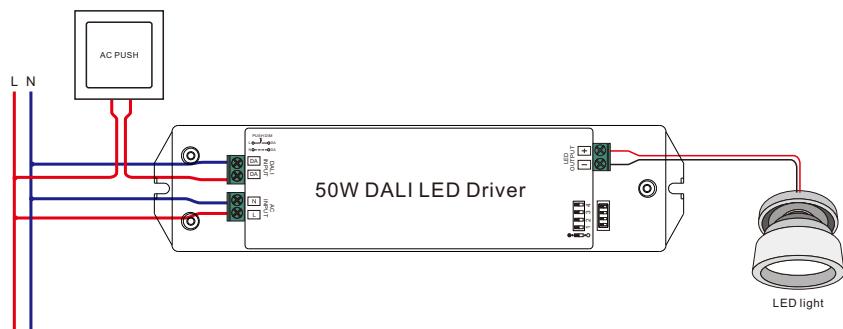
- 1.1. Click the button to switch ON/OFF
- 1.2. Press and hold down the button to increase or decrease light intensity to desired level and release it, then repeat the operation to adjust light intensity to opposite direction. The dimming range is from 0.1% to 100%.
- 1.3. Memory function after power off or power failure enables the device to memorize the status before power off while power on again.

Wiring Diagram

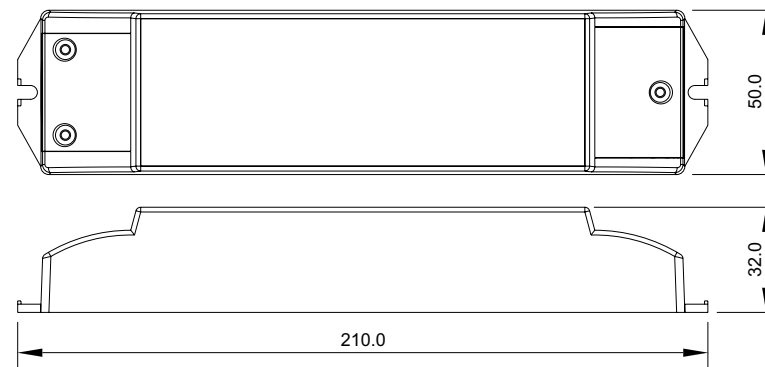
1. With DALI Bus



2. With PUSH dimmer



Product Dimension



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