

PRODUCT DATASHEET OT SLIM 250/220-240/24

CV Power supplies 24 V | CV Power supplies 24 V



Areas of application

- Facades, public squares, cruise ships
- Signage
- Suitable for indoor and outdoor installations

Product benefits

- Installation in cold and hot environments
- Very stable output power
- High electrical reversible short-circuit, overload, overtemperature protection
- Independent installation possible

Product features

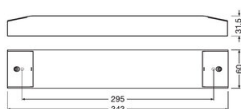
- Type of protection: IP20
- Wide operating temperature range: -20...+50 °C
- Lifetime: up to 50,000 h (temperature at max. t_c)

TECHNICAL DATA

Electrical data

| | |
|---------------------------|---------------|
| Nominal wattage | 272.00 W |
| Nominal output power | 250 W |
| Nominal voltage | 220...240 V |
| Nominal output voltage | 24.2 V |
| Input voltage AC | 195.5...276 V |
| Input voltage DC | 176...250 V |
| U-OUT (working voltage) | 24 V |
| Inrush current | 70 A |
| Mains frequency | 50/60 Hz |
| Total harmonic distortion | < 5 % |
| Power factor λ | 0.95 |
| Device power loss | 28 W |
| Surge capability (L-N) | 1 kV |
| Galvanic isolation | SELV |

Dimensions & Weight



| | |
|--------------------------------------|----------------------------|
| Length | 343.00 mm |
| Mounting hole spacing, length | 295,0 mm |
| Width | 60.00 mm |
| Height | 31.00 mm |
| Cable cross-section, input side | 0.75...1.5 mm ² |
| Cable cross-section, output side | 0.75...1.5 mm ² |
| Wire preparation length, input side | 5,0 mm |
| Wire preparation length, output side | 5,0 mm |
| Product weight | 880.00 g |

Colors & materials

| | |
|-----------------|---------|
| Casing material | Plastic |
| Body material | Plastic |

Temperatures & operating conditions

| | |
|--|------------------------|
| Ambient temperature range | -25...+45 °C |
| Maximum temperature at tc test point | 80 °C |
| Max.housing temperature in case of fault | 110 °C |
| Permitted rel. humidity during operation | 5...85 % ¹⁾ |

¹⁾ Maximum 56 days/year at 85 %

Lifespan

| | |
|--------------|---------|
| ECG lifetime | 50000 h |
|--------------|---------|

Capabilities

| | |
|--|----------------------|
| Dimmable | No |
| Overload protection | Automatic reversible |
| Short-circuit protection | Automatic reversible |
| Suitable for fixtures with prot. class | I / II |
| Type of connection, output side | Screw terminal |

Certificates & Standards

| | |
|---------------------------|--|
| Approval marks – approval | CE / CB / ENEC / CCC / EAC / RCM / BIS |
| Standards | Acc. to IEC 61347-2-13 / Acc. to IEC 62384 / Acc. to EN 55015 / Acc. to IEC 61000-3-2 / Acc. to IEC 61000-3-3 |
| Protection class | II |
| Type of protection | IP20 |




LOGISTICAL DATA

| | |
|------------------------------|--------------|
| Temperature range at storage | -40...+85 °C |
|------------------------------|--------------|

ADDITIONAL PRODUCT INFORMATION

- EMI pass verified with wire length of 2 m, from the ECG to the LED module at full load.
- Wiring longer than 2 m from ECG to LED module is possible, but site installation conditions may interfere with EMI with these longer cables. EMI is therefore not verified in this condition.
- For wires longer than 2 m, the appropriate cable cross section must be carefully selected to reduce voltage drop.

DOWNLOAD DATA

| Documents and certificates | Document name |
|---|-----------------------------|
|  User instruction / safety instructions | 14614288 OT SLIM |
|  Declarations of conformity | OT SLIM |
|  Certificates | OT SLIM RCM NSW28298 280720 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4062172135917 | Unpacked 1 | | | |
| 4062172135924 | Shipping box 10 | 357 mm x 312 mm x 100 mm | 9236.00 g | 11.14 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.

DISCLAIMER

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