

OT SLIM 250/220-240/24

CV Power supplies 24 V



Areas of application

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

Product family benefits

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

Product family features

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

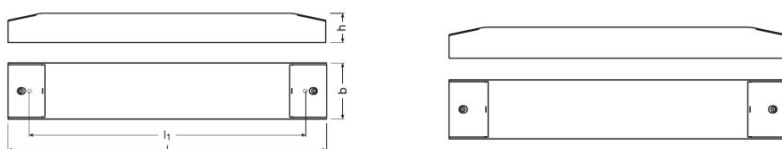
Product datasheet

Technical data

Electrical data

Nominal input voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage AC	195.5...276 V
Input voltage DC	176...250 V
Total harmonic distortion	< 5 %
Power factor λ	> 0.95
ECG efficiency	92 %
Device power loss	28 W
Inrush current	70 A
Surge capability (L-N)	1 kV
Nominal output voltage	24.2 V
U-OUT (working voltage)	24 V
Nominal output power	250 W
Galvanic isolation	SELV
Output ripple Voltage (100 Hz)	$\pm 5 \%$

Dimensions & weight



Mounting hole spacing, length	295.0 mm
Product weight	880.00 g
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
Length	343.0 mm
Width	60.0 mm
Height	31.0 mm

Product datasheet

Colors & materials

Casing material	Plastic
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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
Temperature range at storage	-40...+85 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h
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Additional product data

Encapsulated	No
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Capabilities

Dimmable	No
Dimming interface	-
Dimming range	-
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	-
Suitable for fixtures with prot. class	I / II
Type of connection, input side	Screw terminal
Type of connection, output side	Screw terminal

Programming

Tuner4TRONIC	-
Tuner4TRONIC Field App	-

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

Product datasheet






Logistical data

Commodity code	850440829000
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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

File
 User instruction OT SLIM
 Product Datasheet OT SLIM 250220-24024 Technical Datasheet (EN)
 Certificates OT SLIM RCM NSW28298 280720
 Declarations of conformity OT SLIM 100 160 250 CE 4205404 310320
 CAD data PDF OT SLIM 250 STEP 290420

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172135917	OT SLIM 250/220-240/24	Shipping carton box 10	357 mm x 312 mm x 100 mm	11.14 dm ³	9236.00 g

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.