

OT SLIM 160/220-240/24

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 30,000 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	13.9 W
Inrush current	60 A
Max. ECG no. on circuit breaker 16 A (C)	5
Max. ECG no. on circuit breaker 25 A (B)	5
Surge capability (L-N)	1 kV
Nominal output voltage	24.2 V
U-OUT (working voltage)	24 V
Nominal output power	160 W
Galvanic isolation	SELV
Output ripple Voltage (100 Hz)	\pm 5 %

Dimensions & weight



Mounting hole spacing, length	356.0 mm
Product weight	285.00 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	404.0 mm

Product datasheet

Width	30.0 mm
Height	21.5 mm

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-25...+45 °C
Maximum temperature at tc test point	75 °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





Product datasheet

Protection class	II
Type of protection	IP20

Logistical data

Commodity code	850440829000
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Download Data

File
 User instruction OT SLIM
 Product Datasheet OT SLIM 160220-24024 Technical Datasheet (EN)
 Declarations of conformity OT SLIM 100 160 250 CE 4205404 310320
 CAD data OT SLIM 160 STEP 290420

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172135894	OT SLIM 160/220-240/24	Shipping carton box 30	417 mm x 192 mm x 165 mm	13.21 dm ³	8996.00 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.