PRODUCT DATASHEET
OT SLIM 160/220-240/24

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 electronical 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)

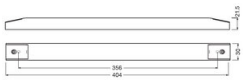
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TECHNICAL DATA

Electrical data

Nominal wattage	174.00 W
Nominal output power	160 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	60 A
Mains frequency	50/60 Hz
Maximum total harmonic distortion	< 5 %
Power factor λ	0.95
Device power loss	13.9 W
Max. ECG no. on circuit breaker 16 A (B)	5
Max. ECG no. on circuit breaker 25 A (B)	5
Surge capability (L-N)	1 kV
Galvanic isolation	SELV

Dimensions & Weight



Length	404.00 mm
Mounting hole spacing, length	356.0 mm
Width	30.00 mm
Height	21.50 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	4…6 mm
Wire preparation length, output side	4…6 mm
Product weight	285.00 g

Colors & materials

Casing material	Plastic
Body 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
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
PDF	User instruction / safety instructions	14614288 OT SLIM
PDF	Declarations of conformity	OT SLIM

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	CAD/BIM files	Document name
	CAD STEP 3D	OT SLIM 160-220-240-24

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4062172135894	Unpacked 1			
4062172135900	Shipping box 30	417 mm x 192 mm x 165 mm	8996.00 g	13.21 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.

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