

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)

TECHNICAL DATA

Electrical data

Nominal wattage	174.00 W	
Nominal output power	160 W	
Nominal voltage	220240 V	
Nominal output voltage	24.2 V	
Input voltage AC	195.5276 V	
Input voltage DC	176250 V	
U-OUT (working voltage)	24 V	
Inrush current	60 A	
Mains frequency	50/60 Hz	
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



404.00 mm	
356.0 mm	
30.00 mm	
21.50 mm	
0.751.5 mm²	
0.751.5 mm ²	
5,0 mm	
5,0 mm	
285.00 g	

Colors & materials

Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-25+45 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	585 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

Capabilities

Dimmable	No	
Overload protection	Automatic reversible	
Short-circuit protection	Automatic reversible	
Suitable for fixtures with prot. class	1/11	
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
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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

	Documents and certificates
POF	User instruction
PDF	Declarations Of Conformity CE

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 dm³

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.