OT 60/220-240/24 P

CV Power supplies 24 V



Product family features

- DC mode functionality
- Type of protection: IP66 and IP67
- Surge protection: up to 4 kV (L-N) / 6 kV (L/N-PE)
- Wide operating temperature range: -30…+55 °C
- Lifetime: up to 50,000 h (temperature at max. t_c)

Product family benefits

- Large range of products from 20 W to 250 W
- Installation in very cold and hot environments
- Very stable output power
- High electronical reversible short-circuit, overload, overtemperature protection
- Smart Power Supply: boosting power to turn on cold LEDs
- Independent installation possible

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Areas of application

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

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Technical data

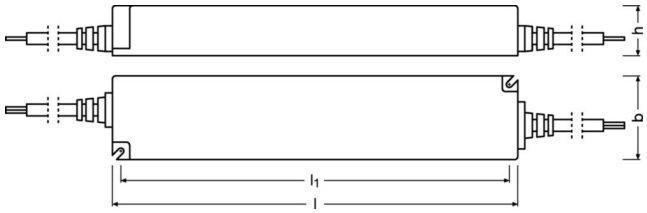
Electrical data

Nominal input voltage	220…240 V
Mains frequency	0…60 Hz
Input voltage AC	198…264 V
Input voltage DC	176…250 V
Total harmonic distortion	< 15 %
Power factor λ	0.95
Efficiency in full-load	87 % [1)]
Device power loss	8.9 W
Inrush current	30 A
Max. ECG no. on circuit breaker 10 A (B)	21
Max. ECG no. on circuit breaker 16 A (B)	34
Surge capability (L/N-Ground)	not relevant
Surge capability (L-N)	4 kV
Nominal output voltage	24.2 V
Nominal output power	60 W
Maximum output power	60 W [2)]
Galvanic isolation	SELV

1) at 230 V, 50 Hz
2) at steady state

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Dimensions & weight



Length	208.0 mm
Width	43.0 mm
Height	26.0 mm
Mounting hole spacing, length	199.0 mm
Cable cross-section, input side	1.0 mm²
Cable cross-section, output side	1.0 mm²
Wire preparation length, input side	90 mm
Wire preparation length, output side	90 mm
Product weight	420.00 g

Colors & materials

Casing material	Plastic

Temperatures & operating conditions

Ambient temperature range	-30…+50 °C
Maximum temperature at tc test point	90 °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 %

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Lifespan

ECG lifetime	50000 h

Capabilities

Dimmable	No
Suitable for fixtures with prot. class	II
Type of connection, output side	Terminal
Number of channels	1
Overheating protection	Yes
Overload protection	Yes
Short-circuit protection	Yes
Intended for no-load operation	No
No-load proof	Yes

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Certificates & standards

Approval marks – approval	ENEC / RCM / CCC / EAC / CE
Standards	EN 61347-1 / EN 61347-2-13 / EN 55015 / EN 61547 / EN 61000-3-2 / EN 61000-3-3 / EN 60598-1 / EN 62384
Type of protection	IP66

Logistical data

Commodity code	85044083900
Applicable region	APAC (excl. China, India, Japan) / CHINA / EUROPE / MEA / SOUTH AMERICA

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	01-09-2026
Primary Article Identifier	4052899545960 | 6937186114952
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

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Ecodesign regulation information:

Intended for use with LED modules.
The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

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Download Data

File		
Product Datasheet	PDF	►OT 60 220-240 24 P V1.3 6937186114952 TDS 180626
Certificates	PDF	►CED OT xx family
Certificates	PDF	►OT 20 40 60 24P ENEC 4512364 01 240826
Mandatory Publications	PDF	►OT 24V P family CE 3537796 10 040526
User instruction	PDF	►G15130816 UI_OT 20_40_60_100_130_250 P_4P_MiCh_INV

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186114952 INVENTRONICS	OT 60/220-240/24 P	Shipping carton box 20 Pieces	334 x 310 x 194 mm	20.09 dm³	480.25 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.

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