OT 20/220...240/24 P

CV Power supplies 24 V



Areas of application

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

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

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)

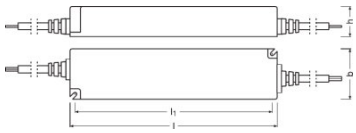
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Technical data

Electrical data

Nominal output power	20 W
Mains frequency	0…60 Hz
Nominal voltage	220…240 V
Device power loss	4.1 W
Power factor λ	0.95
ECG efficiency	83 %
Inrush current	20 A
Galvanic isolation primary/secondary	3 kV
Nominal output voltage	24.2 V
Input voltage DC	176…250 V
Input voltage AC	198…264 V

Dimensions & weight



Length	178.0 mm
Width	43.0 mm
Height	25.0 mm
Mounting hole spacing, length	169.0 mm
Product weight	315.00 g

Temperatures & operating conditions

Ambient temperature range	-30…+55 °C
Permitted rel. humidity during operation	5…85 % [1)]

[1)] Maximum 56 days/year at 85 %

Capabilities

Suitable for fixtures with prot. class	II

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Overheating protection	Yes
Overload protection	Yes
Short-circuit protection	Yes
No-load proof	Yes
Dimmable	No
Number of channels	1

Certificates & standards

Type of protection	IP66
Standards	Acc. to EN 61000-3-3/Acc. to EN 60598-1/Acc. to EN 62384
Approval marks – approval	ENEC / RCM / CCC / EAC

Logistical data

Commodity code	850440829000

Download Data

	File
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Datasheet OT 20220-24024 P
	Brochures OPTOTRONIC constant-voltage LED power supplies and controls (EN)
	Certificates CCC Certificate No. 2018011002044637
	Certificates CB Test Certificate No. SG PSB-LE-00930
	Certificates ENEC Certficate No. U6 18 01 84117 051
	Declarations of conformity EU Declaration of Conformity 3537796
	Declarations of conformity Attestation of Conformity No. N8A 18 01 84117 055
	Declarations of conformity Attestation of Conformity No. E8A 18 01 84117 050
	Declarations of conformity EU Declaration of Conformity OT 24V P_DIMP

Logistical Data

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Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899545922	OT 20/220...240/24 P	Shipping carton box 20	334 mm x 277 mm x 186 mm	17.21 dm^3	7416.00 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.

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