

OT 20/120...240/24 S

CV Power supplies 24 V



Areas of application

- Suitable for indoor and outdoor SELV installations
- Suitable for use in tight, flat luminaires or installation in suspended ceilings
- Outdoor applications only in suitable luminaires

Product benefits

- Very high efficiency and reliability
- Versatile scope of application due to output power range of up to 240 W
- Constant luminous flux for very low and high temperatures due to Smart Power Supply

Product datasheet

Technical data

Electrical data

Output power	20 W ¹⁾
Input voltage	108...254 V ²⁾
Mains frequency	50...60 Hz
Output voltage	24 V ³⁾
Nominal voltage	120...240 V
Nominal current	0.35 A
Device power loss	4.0 W ⁴⁾
Power factor λ	0.50/0.40 ⁵⁾
ECG efficiency	83 %
Inrush current	45 A
Max. no. of ECGs on circuit breaker 10 A	7
Galvanic isolation primary/secondary	3 kV
Surge capability (L-N)	1 kV

¹⁾ Partial load 0.9...20 W

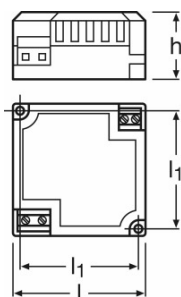
²⁾ Permitted voltage range

³⁾ ± 1.0 V

⁴⁾ Maximum

⁵⁾ At 120 V 60 Hz/At 240 V 50 Hz

Dimensions & weight



Product line drawing

Length	60.0 mm
Width	60.0 mm
Height	31.0 mm
Product weight	93.00 g

Product datasheet

Cable cross-section, input side	0.75...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Wire preparation length, input side	10 mm

Colors & materials

Casing material	Plastic
-----------------	---------

Temperatures

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	90 °C

Lifespan

ECG lifetime	30000 h
--------------	---------

Capabilities

Dimmable	Yes ¹⁾
Suitable for fixtures with prot. class	II
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Maximum wiring length ECG/lamp	10 m

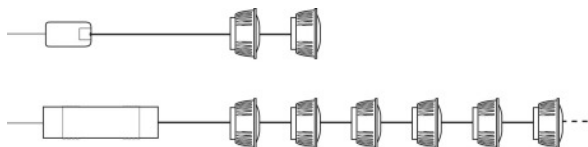
¹⁾ With OPTOTRONIC dimmers

Certificates & standards

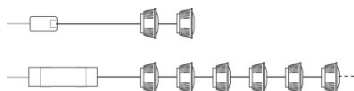
Type of protection	IP20
Standards	acc. to IEC 61347-2-13/acc. to IEC 62384/acc. to EN 55015/acc. to IEC 61000-3-2/acc. to IEC 61547/acc. to IEC 61000-3-3/acc. to UL 1310
Approval marks – approval	CE / VDE / ENEC 10

Wiring Diagram

Product datasheet






Wiring diagram



Wiring diagram

Download Data

File	
	Addon Technical Information ADDON TECHNICAL INFORMATION OT 20120-24024 S VS30 OSRAM (GB)
	Certificates OT VDE ENEC marks approval (G)
	Declarations of conformity Declaration of conformity OT 20120-24024 S

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300662626	OT 20/120...240/24 S	Shipping carton box 30	210 mm x 96 mm x 310 mm	6.25 dm ³	2386.00 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.