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## OT 75/220...240/24

CV Power supplies 24 V



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### 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

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### 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

Nominal output power	75 W <sup>1)</sup>
Input voltage AC	198...254 V <sup>2)</sup>
Mains frequency	50...60 Hz
Nominal output voltage	24 V <sup>3)</sup>
Nominal voltage	220...240 V
Nominal current	0.38 A <sup>4)</sup>
Device power loss	9.0 W <sup>5)</sup>
Power factor $\lambda$	0.97 <sup>6)</sup>
ECG efficiency	90 % <sup>7)</sup>
Inrush current	41 A <sup>8)</sup>
Max. no. of ECGs on circuit breaker 10 A	7
Galvanic isolation primary/secondary	3 kV <sup>9)</sup>
Surge capability (L-N)	1 kV

1) Partial load 0...75 W

2) Permitted voltage range

3)  $\pm 1.0$  V

4) At 230 V

5) Maximum at 230 V<sub>AC</sub>, P<sub>out</sub> = maximum, Ta=25 °C, steady state

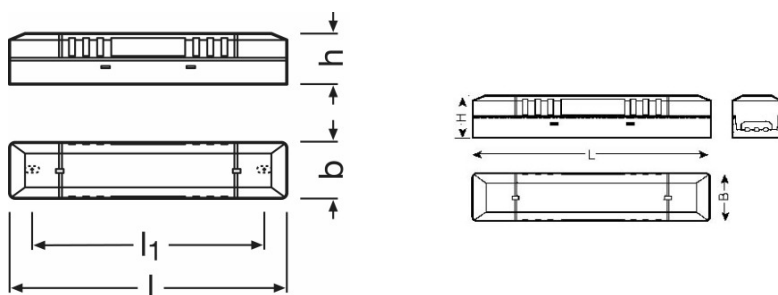
6) Minimum

7) At full load and 230 V

8) t<sub>width</sub> = 200  $\mu$ s (measured at 50 % I<sub>peak</sub>)

9) SELV-equivalent

### Dimensions & weight



Length	220.0 mm
Width	47.0 mm
Height	44.0 mm
Product weight	290.00 g

## Product datasheet

<b>Cable cross-section, input side</b>	0.75...1.5 mm <sup>2</sup> <sup>1)</sup>
<b>Cable cross-section, output side</b>	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>
<b>Wire preparation length, input side</b>	6.0 mm

<sup>1)</sup> Solid or flexible leads

### Colors & materials

<b>Casing material</b>	Plastic
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### Temperatures

<b>Ambient temperature range</b>	-20...+50 °C
<b>Temperature range at storage</b>	-40...85 °C
<b>Maximum temperature at tc test point</b>	80 °C
<b>Max.housing temperature in case of fault</b>	110 °C

### Lifespan

<b>ECG lifetime</b>	50000 h <sup>1)</sup>
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<sup>1)</sup> At tcase = 80°C at tc point / 10 % failure rate

### Capabilities

<b>Dimmable</b>	Yes <sup>1)</sup>
<b>Suitable for fixtures with prot. class</b>	II
<b>Overheating protection</b>	Automatic reversible
<b>Overload protection</b>	Automatic reversible
<b>Short-circuit protection</b>	Automatic reversible
<b>Max. cable length to lamp/LED module</b>	10 m

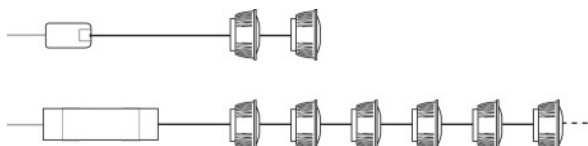
<sup>1)</sup> With OPTOTRONIC dimmers

### Certificates & standards

<b>Type of protection</b>	IP20
<b>Standards</b>	Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to EN 55015/Acc. to IEC 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 61547
<b>Approval marks – approval</b>	CE / ENEC 10 / VDE / VDE-EMC / GOST / C-Tick

### Wiring Diagram

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Wiring diagram

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Wiring diagram

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### Download Data

File	
	Addon Technical Information ADDON TECHNICAL INFORMATION OT 75220-24024 VS10 OSRAM (GB)
	Certificates OT VDE ENEC marks approval (G)
	Certificates VDE-EMC-Certificate OT_OTe_OTp_OT Fit_OTi
	Declarations of conformity Declaration of conformity OT 75220-24024
	CAD data 3-dim 220x47x44 9900016
	CAD data 3-dim 220x47x44 9900016
	CAD data 3-dim 220x47x44 9900016
	CAD data PDF 220x47x44 9900016

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### Logistical Data

## Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300817477	OT 75/220...240/24	Shipping carton box 10	252 mm x 118 mm x 246 mm	7.32 dm <sup>3</sup>	3135.50 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.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.