

## OT 15/220...240/12 P

CV Power supplies 12 V



### Areas of application

- Suitable for indoor and outdoor installations
- Ideal for mounting in very tight spaces

### Product benefits

- Versatile scope of application due to output power range of up to 120 W
- Very high efficiency and reliability
- High IP protection (up to IP67)
- High surge protection: up to 3 kV (L-N) / 6 kV (L/N-PE)

# Product datasheet

## Technical data

### Electrical data

Output power	15 W <sup>1)</sup>
Input voltage	198...264 V <sup>2)</sup>
Mains frequency	50...60 Hz
Output voltage	12.5 V <sup>3)</sup>
Nominal voltage	220...240 V
Nominal current	0.18 A <sup>4)</sup>
Device power loss	3.0 W
Power factor $\lambda$	> 0.5 <sup>5)</sup>
ECG efficiency	80 % <sup>6)</sup>
Inrush current	20 A <sup>7)</sup>
Max. no. of ECGs on circuit breaker 10 A	32
Max. no. of ECGs on circuit breaker 16 A	51
Galvanic isolation primary/secondary	3.75 kV <sup>8)</sup>
Surge capability (L-N)	4 kV

1) Partial load 0...15 W

2)  $V_{AC}$  / Permitted voltage range

3)  $\pm 0.5$  V

4) Maximum at 230 V

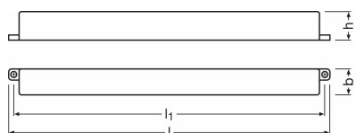
5) Full load at 230 V

6) At full load and 230 V

7)  $t_{width} = 170 \mu s$  (measured at 50 %  $I_{peak}$ )

8) SELV-equivalent

### Dimensions & weight



### Product line drawing

## Product datasheet

<b>Length</b>	237.0 mm
<b>Width</b>	20.0 mm
<b>Mounting hole spacing, length</b>	213.0 mm
<b>Height</b>	22.0 mm
<b>Product weight</b>	170.00 g
<b>Cable cross-section, input side</b>	1.0 mm <sup>2</sup> <sup>1)</sup>
<b>Cable cross-section, output side</b>	1.0 mm <sup>2</sup> <sup>1)</sup>
<b>Wire preparation length, input side</b>	10 mm

<sup>1)</sup> Flexible

### Colors & materials

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

<b>Ambient temperature range</b>	-25...+55 °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  $T_a = 70^\circ\text{C}$  / 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>No-load proof</b>	Yes
<b>Maximum wiring length ECG/lamp</b>	10 m

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

### Certificates & standards




<b>Type of protection</b>	IP66
<b>Standards</b>	acc. to IEC 61347-1/acc. to IEC 61347-2-13/acc. to IEC 62384/acc. to CISPR 15/acc. to EN 61000-3-2/acc. to EN 61547
<b>Approval marks – approval</b>	CE / ENEC 18 / CB / C-Tick

## Product datasheet

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### Download Data

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File	
	Product Datasheet Datasheet_OT 15220-24012 P
	Certificates CB-Certificate OT15 220 240 12P
	Installation/Operation notice Instruction Sheet_OT 15220-24012 P

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### Logistical Data

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
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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

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