

OPTOTRONIC OT 45/220-240/700 LTCS



- Suitable for indoor applications

Product benefits

- Large output power range: up to 45 W
- Flexible current control via DIP switch and LEDset interface
- Very low switch-on current
- Flexible and future-proof option for current setting
- Consistently high efficiency

Product features

- SELV equivalent
- Current output range: 100...700 mA

Technical data

Electrical data

Nominal current	0.23 A ¹⁾
Input voltage	195...264 V ²⁾
Nominal voltage	220...240 V
Output current	100...700 mA ³⁾
Mains frequency	50/60 Hz
Output voltage	38...120 V ⁴⁾
Device power loss	6.0 W ⁵⁾
Max. no. of ECGs on circuit breaker 10 A	40
Max. no. of ECGs on circuit breaker 16 A	60
Output power	45 W ⁶⁾
Power loss in stand-by mode	<1.5 W ⁷⁾
Inrush current	8 A ⁸⁾
Rated power factor λ	0.95/0.85 ⁹⁾
Galvanic isolation primary/secondary	3.75 kV ¹⁰⁾
No-load proof	Yes
Surge capability (L-N)	1 kV
Surge capability (L/N-Ground)	2 kV ¹¹⁾

¹⁾ At 230 V

²⁾ Permitted voltage range

³⁾ $\pm 5\%$ (350-700mA)

⁴⁾ Maximum 120 V

⁵⁾ Maximum

⁶⁾ Partial load 13...45 W / Not dimmed

⁷⁾ LEDset turned off

⁸⁾ $t_{width} = 55 \mu s$ (measured at 50 % I_{peak})

⁹⁾ Minimum/Full load at 230 V/Half load at 230 V

¹⁰⁾ SELV-equivalent

¹¹⁾ Functional Earth

Dimensions & weight

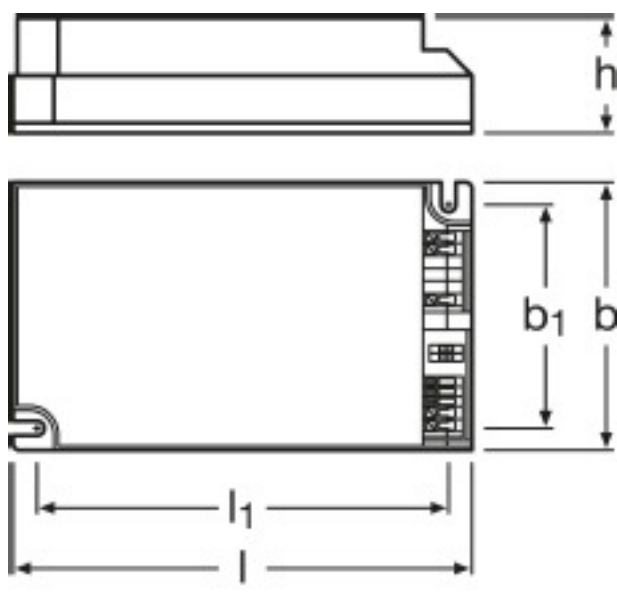
Maximum cable length – system	2.0 m
Length	123.0 mm
Width	79.0 mm

Dimensions & weight

Height	33.0 mm
Product weight	240.00 g
Cable cross-section, output side	0.2...1.5 mm ² ¹⁾
Cable cross-section, input side	0.2...1.5 mm ² ²⁾

¹⁾ Solid or flexible leads / LEDset only 0.2...0.5 mm²

²⁾ Solid or flexible leads



Product line drawing with letters

Temperatures

Ambient temperature range	-25...+50 °C
Operating temperature	90 °C ¹⁾
Max. housing temperature in case of fault	110 °C

¹⁾ Maximum at the Tc-point

Lifespan

ECG lifetime	50000 h ¹⁾
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Lifespan

¹⁾ At tcase = 80°C at tc point / 10 % failure rate

Additional product data

ECG efficiency	89 %
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Capabilities

Dimmable	Yes ¹⁾
Overload protection	Automatic reversible
Overtemperature protection	Automatic reversible
Short-circuit protection	Automatic reversible
Suitable for fixtures with prot. class	I / II

¹⁾ LEDset

Certificates & standards

Approval marks – approval	CE / ENEC 10 / VDE
Type of protection	IP20



Guarantee

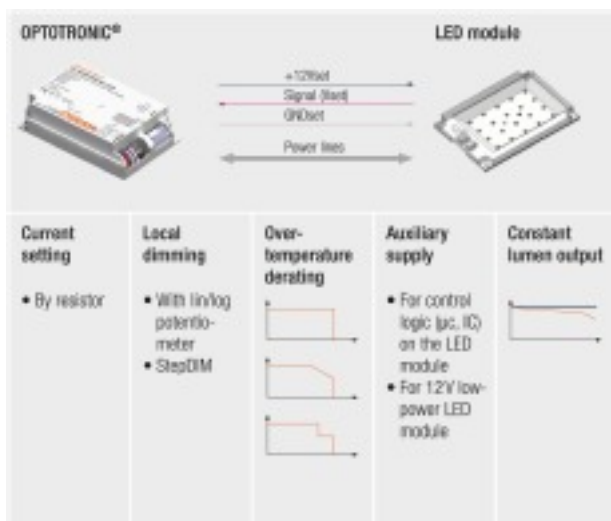


Figure 1 - LED driver application features

Others graphics

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321664433	Unpacked 1	0 x 0 x 0	240.00g	
4008321664440	Shipping carton box 20	257mm x 78mm x 428mm	5060.00g	8.58dm ³

Disclaimer

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