

OT 60/220-240/1A4 P6

OPTOTRONIC - ON/OFF ADJ IP66 (SELV) | High current LED drivers



Technical data

Electrical data

Nominal voltage	220...240 V
Input voltage AC	198...264 V
Nominal current	0.34 A ¹⁾
Mains frequency	50/60 Hz
Power factor λ	> 0.95
Total harmonic distortion	< 10 % ²⁾
Device power loss	8.0 W ¹⁾
Inrush current	35 A ³⁾
Max. ECG no. on circuit breaker 10 A (B)	4
Max. ECG no. on circuit breaker 16 A (B)	7
Max. ECG no. on circuit breaker 25 A (B)	11
Surge capability (L/N-Ground)	6 kV
Surge capability (L-N)	4 kV
Nominal output power	42...60 W
Maximum output power	60 W
Efficiency in full-load	88 % ⁴⁾
Nominal output voltage	36...48 V
U-OUT (working voltage)	60 V
Nominal output current	1.2...1.4 A
Output current tolerance	±5 %
Minimum output current	1.2 A
Galvanic isolation	Double

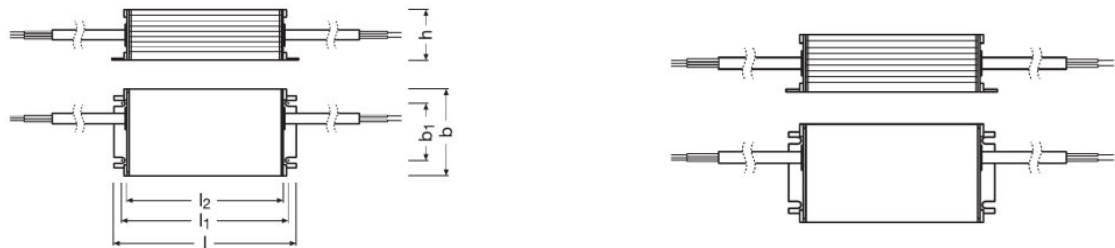
¹⁾ Vin 230v 50Hz

²⁾ At full load

³⁾ Max, th = 350µs

⁴⁾ at 230 V, 50 Hz

Dimensions & weight



Length	105.0 mm
Width	63.0 mm
Height	33.0 mm
Mounting hole spacing, length	99.0 mm
Product weight	365.00 g
Cable cross-section, input side	1.0 mm ²
Cable cross-section, output side	1.0 mm ²
Wire preparation length, input side	10 mm

Temperatures & operating conditions

Ambient temperature range	-40...+55 °C
Temperature range at storage	-40...+85 °C
Maximum temperature at tc test point	90 °C
Max.housing temperature in case of fault	110 °C

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At maximum T_c = 80°C / 10% failure rate

Capabilities

Dimmable	No
Suitable for fixtures with prot. class	I
Intended for no-load operation	No
Number of channels	1

Certificates & standards

Type of protection	IP66
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Product datasheet

Standards	Acc. to EN 55015/Acc. to EN 60598-1 (ED.8)/Acc. to EN 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 62384/Acc. to EN 61347-1
Approval marks – approval	CCC / CE / ENEC 25 / SELV

Logistical data

Commodity code	850440829000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	25-04-2022
Primary Article Identifier	4062172125642
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	46aa2c86-bc8f-4ebf-8ca0-0a034430295c

Download Data

File	
	User instruction OPTOTRONIC
	Certificates CCC certificate of OT P6 family

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172125642	OT 60/220-240/1A4 P6	Shipping carton box 20	461 mm x 356 mm x 117 mm	19.20 dm ³	7700.00 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.