

OPTOTRONIC OT 120/220-240/24 DIM P



- Outdoor applications

Product benefits

- High surge protection: up to 3 kV (L-N) / 6 kV (L/N-PE)
- High IP protection (IP67)
- Slim housing design and flexible mounting concept

Product features

- SELV equivalent
- Dimmable via fully insulated 1...10 V interface

Technical data

Electrical data

Nominal current	0.60 A ¹⁾
Input voltage	198...264 V ²⁾
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Output voltage	24 V ³⁾
Device power loss	15.0 W ⁴⁾
Max. no. of ECGs on circuit breaker 10 A	6
Max. no. of ECGs on circuit breaker 16 A	10
Output power	120 W
Power loss in stand-by mode	<1.5 W
Inrush current	60 A ⁵⁾
Rated power factor λ	0.95/0.90 ⁶⁾
Galvanic isolation primary/secondary	3.75 kV ⁷⁾
No-load proof	Yes
Surge capability (L-N)	3 kV
Surge capability (L/N-Ground)	6 kV

¹⁾ At 230 V

²⁾ Permitted voltage range

³⁾ +1.0/-0.5 V

⁴⁾ Maximum

⁵⁾ Maximum / At 250 μ s

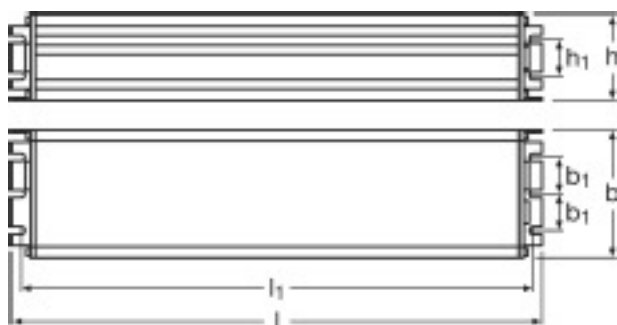
⁶⁾ Minimum/Full load at 230 V/Half load at 230 V

⁷⁾ SELV-equivalent

Dimensions & weight

Maximum cable length – system	10 m
Length	250.0 mm
Width	60.0 mm
Height	39.0 mm
Product weight	1100.00 g
Cable cross-section, output side	1.5 mm ² ¹⁾
Cable cross-section, input side	1.0 mm ² ¹⁾

¹⁾ Flexible



Product line drawing with letters

Temperatures

Ambient temperature range	-25...+55 °C
Operating temperature	80 °C ¹⁾
Max. housing temperature in case of fault	100 °C

¹⁾ Maximum at the Tc-point

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At $t_{case} = 70^\circ\text{C}$ at tc point / 10 % failure rate

Additional product data

ECG efficiency	89 %
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Capabilities

Dimming interface	1...10 V
Dimming range	1...100 %
Dimmable	Yes
Overload protection	Automatic reversible
Overtemperature protection	Automatic reversible
Short-circuit protection	Automatic reversible
Suitable for fixtures with prot. class	I

Certificates & standards

Type of protection	IP67
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Guarantee

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321981691	Folding carton box 1	100mm x 58mm x 340mm	1180.00g	1.97dm ³
4008321981752	Shipping carton box 10	0 x 0 x 0		

Disclaimer

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