

ET-PARROT 70/220 - 240 I

ET-PARROT | Electronic transformers for low-voltage halogen lamps



Areas of application

- Effect and accent lighting
- Living rooms
- Object lighting
- Conference rooms
- Restaurants
- Recessed and surface-mounted furniture luminaires
- Shop lighting
- Event rooms

Product benefits

- Very low power loss thanks to high efficacy
- Protective operation throughout the entire partial-load range for long lamp life

Product features

- Line frequency: 50...60 Hz
- RI suppression: to EN 55015 (A1: 2007)/CISPR 15, EN 55022
- Line harmonics according to EN 61000-3-2
- Immunity according to EN 61547
- Energy efficiency: $\geq 91\%$ (according to ErP regulation 2012/1194/EC)
- Safety: to EN 61347
- Short-circuit protection, overload protection, overtemperature protection: electronically reversible
- Electrical isolation between the primary side and the secondary side
- Dimmable on the leading edge and trailing edge

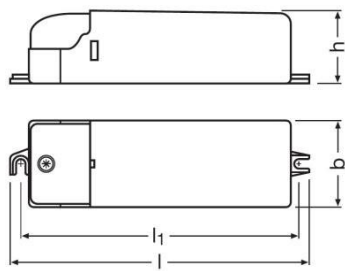
Technical data

Electrical data

Lamp wattage	20...70 W
Line current	0.30 A ¹⁾
Nominal voltage	220...240 V
Power factor λ	0.95 ²⁾
Operating frequency	50 kHz ³⁾
Nominal output voltage	11.9 / 12.0 V ⁴⁾
Input voltage AC	198...264 V
Mains frequency	50...60 Hz
System wattage	74.00 W
Input voltage range	220...240 V
Max. ECG no. on circuit breaker 10 A (B)	37
Max. ECG no. on circuit breaker 16 A (B)	59
ECG efficiency	95 % ⁵⁾
Galvanic isolation primary/secondary	4.00 kV ⁶⁾
Inrush current	0.45 A

- 1) Effectively
- 2) Minimum
- 3) Approximately
- 4) 70 W / 20 W
- 5) At full load
- 6) eff

Dimensions & weight



Length	128.0 mm
Width	38.0 mm
Height	31.0 mm
Mounting hole spacing, length	119.0 mm

Cable cross-section, input side	0.75 mm ²
Cable cross-section, output side	0.75 mm ²

Product datasheet

Wire preparation length, input side	12 / 6.0 mm ¹⁾
Wire preparation length, output side	12 / 6.0 mm ¹⁾
Product weight	115.00 g

¹⁾ Cable sheath / Wire

Temperatures & operating conditions

Ambient temperature range	0...+45 °C
Maximum temperature at tc test point	70 °C

Additional product data

Design / version	Compact
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Capabilities

Dimming method	Trailing- or leading-edge phase control for inductive load dimmers
Overload protection	Automatic reversible
Overheating protection	Automatic reversible
Short-circuit protection	Automatic reversible
Max. cable length to lamp/LED module	2.0 m
Cable/wire types, input side	H03VV-F 2x0.75 mm ²
Cable/wire types, output side	H03VV-F 2x0.75 mm ²
Dimmable	Yes
Dimming range	0...100 %
No-load proof	Yes
Suitable for fixtures with prot. class	II

Certificates & standards

Approval marks – approval	VDE / EAC
Standards	Acc. to EN 61347/Acc. to EN 55015/Acc. to EN 61000-3-2/Acc. to EN 61547
Type of protection	IP20