

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

- Trailing-edge phase dimming
- 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
- Switching between electronic transformer and lamp not permitted

Technical data

Electrical data

Lamp wattage	20...70 W
Line current	0.30 A ¹⁾
Power factor λ	0.95 ²⁾
Operating frequency	50 kHz ³⁾
Nominal output voltage	11.9 / 12.0 V ⁴⁾
Input voltage AC	220...240 V
Mains frequency	50...60 Hz
System wattage	74.00 W
Input voltage range	198...264 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
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

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

Product datasheet

Additional product data

Design / version	Compact
------------------	---------





Capabilities

Dimming method	Trailing-edge phase control
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

Download Data

File
 Certificates EAC HT family
 Certificates VDE-EMC-Certificate ET-PARROT
 On-Pack-Info EAC - ET-PARROT ET-ZE
 CAD data ET-PARROT FILE STP

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321111593	ET-PARROT 70/220...240 I	Shipping carton box 50	290 mm x 231 mm x 220 mm	14.74 dm ³	6221.25 g

Product datasheet

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

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.