# ET-PARROT 105/220...240 I

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




## Product family 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
- 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

## Product family benefits

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

## Areas of application

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


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Technical data

## Electrical data

| | |
|---|---|
| **Lamp wattage** | 35…105 W |
| **Maximum output power** | 105 W |
| **Line current** | 0.45 A [1)] |
| **Nominal voltage** | 220…240 V |
| **Power factor λ** | 0.95 [2)] |
| **Operating frequency** | 40 kHz [3)] |
| **Nominal output voltage** | 11.9 / 12.0 V [4)] |
| **Input voltage AC** | 198…264 V |
| **Mains frequency** | 50…60 Hz |
| **System wattage** | 111.00 W |
| **Efficiency in full-load** | 94 % |
| **Input voltage range** | 220…240 V |
| **Max. ECG no. on circuit breaker 10 A (B)** | 23 |
| **Max. ECG no. on circuit breaker 16 A (B)** | 38 |
| **Galvanic isolation primary/secondary** | 4.00 kV [5)] |
| **Inrush current** | 0.5 A |

1) Effectively

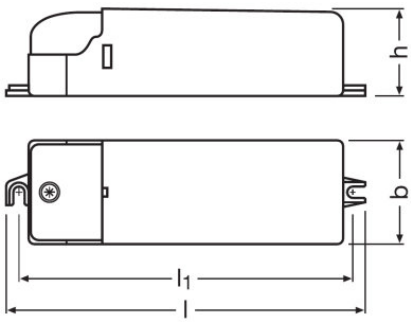
2) Minimum

3) Approximately

4) 105 W / 35 W

5) eff

## Dimensions & weight




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


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| | |
|---|---|
| **Cable cross-section, input side** | 0.75 mm² |
| **Cable cross-section, output side** | 0.75 mm² |
| **Wire preparation length, input side** | 12 / 6.0 mm [1)] |
| **Wire preparation length, output side** | 12 / 6.0 mm [1)] |
| **Product weight** | 130.00 g |

[1)] Cable sheath / Wire

## Temperatures & operating conditions

| | |
|---|---|
| **Ambient temperature range** | 0…+40 °C |
| **Maximum temperature at tc test point** | 85 °C |

## Additional product data

| | |
|---|---|
| **Design / version** | Compact |

## 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 mm² |
| **Cable/wire types, output side** | H03VV-F 2x0.75 mm² |
| **Dimmable** | Yes |
| **Dimming range** | 0…100 % |
| **No-load proof** | Yes |
| **Suitable for fixtures with prot. class** | II |
| **Intended for no-load operation** | No |

## 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 |

## Logistical data

| | |
|---|---|
| **Commodity code** | 85044095900 |

## Environmental information



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# Product datasheet

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh) | |
|---|---|
| **Date of Declaration** | 26-05-2023 |
| **Primary Article Identifier** | 4008321111579 |
| **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** | 146924c0-557f-4f34-adf7-8522e9b21778 |

## Download Data

| | File |
|---|---|
| | User instruction<br>ET-PARROT I |
| | User instruction<br>EAC - ET-PARROT ET-ZE |
| | Product Datasheet<br>321724_ATI ET-PARROT 105220-240 I ATI ET-PARROT 70220-240 I (G+GB) |
| | Certificates<br>504206_VDE-EMC-Certificate ET-PARROT |
| | Certificates<br>504178_EAC HT family |
| | Certificates<br>HALOTRONIC EMC 134590 280722 |
| | Declarations of conformity<br>HALOTRONIC ET PARROT CE 3674444 150222 |
| | CAD data<br>343999_ET-PARROT FILE STP |

## Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

## Logistical Data

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


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## Logistical Data

| | | | | | |
|---|---|---|---|---|---|
| 4008321111579 | ET-PARROT 105/220...240 I | Shipping carton box 50 | 290 mm x 206 mm x 220 mm | 13.14 $dm^3$ | 6971.00 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.


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