

# ET-PARROT 70 and 105

## Electronic Transformer

## Technical Information

### Technical data:

| Reference:  | ET-PARROT 70/230-240               | ET-PARROT 105/230-240                               |
|---|------------------------------------|---|
| for lamp:   | 1x50/1x35/1-3x20/<br>2-7x10/4-14x5 | 1x100/1-x75/1-2x50/1-3x35/<br>2-5x20/4-10x10/7-21x5 |
| Line voltage:   |                                    | 230 V~  |
| Line current:   | 0,3 A <sub>eff</sub>               | 0,42 A <sub>eff</sub>                               |
| Line frequency:   |                                    | 50 Hz   |
| Voltage at the lamp(with 230V):                         | 11,6V (70 W),<br>11,8V (20 W)      | 11,6V (105 W),<br>11,7V (35 W)                      |
| Max. lamp wattage:                                      | 70 W                               | 105 W   |
| Losses:   | max. 4 W (70 W)                    | max. 5.5 W (105 W)                                  |
| Partial load:   | 20 W - 70 W                        | 35 W - 105 W  |
| Max. allowed voltage (AC):                              |                                    | 230 –240V <sub>eff</sub>                            |
| Operating frequency:                                    | app. 50 kHz                        | app. 40 kHz   |
| Power factor:   | >0,95                              | >0,95   |
| Radio interference:                                     |                                    | EN 55015  |
| Harmonic content:                                       |                                    | EN 61000-3-2  |
| Immunity:   |                                    | EN 61547  |
| Temperature range:                                      | 0 °C to +45 °C                     | 0 °C to +40 °C                                      |
| Galvanic insulation between primary and secondary side: |                                    | 4 kV <sub>eff</sub>                                 |
| Max. switch-on current for cold lamp:                   | ca. 1A (70 W)                      | ca. 1,5A (105 W)                                    |
| Dimming:  |                                    | trailing edge phase control                         |
| No-load proof:  |                                    | Yes   |
| Short circuit protection:                               |                                    | Yes, reversible                                     |
| Overload protection:                                    |                                    | Yes, reversible                                     |
| Overheating protection:                                 |                                    | automat. switch off reversible                      |
| Connections:  |                                    | screw terminals                                     |
| 12 V-wiring:  |                                    | max. 2m   |
| Primary:  |                                    | H03VV – F 2 x 0.75 mm <sup>2</sup>                  |
| Secondary:  |                                    | H03VV – F 2 x 0.75 mm <sup>2</sup>                  |
| Wire stripping:   |                                    | sheath 1,2cm; conductors 0,6cm                      |
| Wire cross section, primary:                            |                                    | 2,0 mm <sup>2</sup> to 0,5 mm <sup>2</sup>          |
| Wire cross section, secondary:                          |                                    | 2,0 mm <sup>2</sup> to 0,5 mm <sup>2</sup>          |
| Geometry (l x w x h):                                   |                                    | 112 mm x 33 mm x 28 mm                              |
| Weight:   |                                    | app. 90 g   |
| Approvals:  |                                    | VDE (in-progress)                                   |

# ET-PARROT 70 and 105

## Electronic Transformer

Technical  
Information

