



## LED-DIMTRAFO 24V CASAMBI 200W IP66

LED driver for 24V LED strip. Suitable for environments requiring a **Color and material** higher IP rating, such as damp areas and outdoors.

Metal-enclosed grey housing.

### Light Technical Data

#### Technical data

Power supply via 230V AC. Control types for 24V LED strip: Casambi, FDIM, DALI-2 and Push 230V. Protection class 1.

### Measurement and installation

IP66. Brackets for easy screw mounting. Delivered with pre-attached rubber cables for reliable connection to primary and secondary sides.

### Operation and Connection

### Controls

## DESCRIPTION

|            |                                    |
|------------|------------------------------------|
| GTIN:      | 7392971158754                      |
| Item Name: | LED-dimtrafo 24V Casambi 200W IP66 |
| Warranty:  | 5 years                            |

## LIGHT TECHNICAL DATA

|                            |            |
|----------------------------|------------|
| Life Time Driver:          | 50 000h/5% |
| Flicker (PstLM):           | 0,006      |
| Stroboscopic effect (SVM): | 0,002      |

## TECHNICAL DATA

|                       |            |
|-----------------------|------------|
| Voltage (type):       | AC         |
| Voltage Interval (V): | 120...277V |
| Voltage Nominal (V):  | 230        |
| Line Frequency (Hz):  | 50, 60     |

## OPERATION AND CONNECTION

|                                                           |                                            |
|-----------------------------------------------------------|--------------------------------------------|
| <b>Dimmable:</b>                                          | Yes                                        |
| <b>Type of Dimming:</b>                                   | Casambi                                    |
| <b>Driver Model:</b>                                      | Constant Voltage                           |
| <b>Driver Type:</b>                                       | Stand Alone                                |
| <b>Connection (type):</b>                                 | Cable                                      |
| <b>Length Connection (cm):</b>                            | 20                                         |
| <b>Connection (mm<sup>2</sup>):</b>                       | 3x1,0                                      |
| <b>Through Wiring:</b>                                    | No                                         |
| <b>Strain Relief:</b>                                     | No                                         |
| <b>Connection Secondary (type):</b>                       | Cable                                      |
| <b>Length Connection Secondary (cm):</b>                  | 20                                         |
| <b>Power Factor <math>\lambda</math>:</b>                 | 0,95                                       |
| <b>Efficiency (%):</b>                                    | 93                                         |
| <b>Power loss (W):</b>                                    | 15,1                                       |
| <b>Leakage current (mA) (at 230 V, 50 Hz, full load):</b> | 0,5                                        |
| <b>THD (%):</b>                                           | 15                                         |
| <b>Power Interval for Catalogue (W):</b>                  | 30-200                                     |
| <b>Max. Power (W):</b>                                    | 200                                        |
| <b>Standby Power:</b>                                     | 0,5                                        |
| <b>Max. Load Per Output (W):</b>                          | 200                                        |
| <b>Current (A):</b>                                       | 8,33                                       |
| <b>Min. Ta (°C):</b>                                      | -40                                        |
| <b>Max. Ta (°C):</b>                                      | 45                                         |
| <b>Operating Temperature:</b>                             | -40...+45°C                                |
| <b>Max. Tc (°C):</b>                                      | 90                                         |
| <b>Dimming secondary side:</b>                            | PWM                                        |
| <b>Frequency PWM dimming (Hz):</b>                        | >300                                       |
| <b>Memory Function Power Failure:</b>                     | Yes                                        |
| <b>Protection Against:</b>                                | Short Circuit, Overload, Overheating 110°C |
| <b>Inrush current (max/time):</b>                         | 70,4A 196µs                                |
| <b>Mains surge protection DM (kV):</b>                    | 2                                          |
| <b>Mains surge protection CM (kV):</b>                    | 4                                          |
| <b>Fuse B10 (pcs):</b>                                    | 6                                          |
| <b>Fuse B16 (pcs):</b>                                    | 10                                         |
| <b>Fuse C10 (pcs):</b>                                    | 6                                          |
| <b>Fuse C16 (pcs):</b>                                    | 10                                         |

## COLOR AND MATERIAL

|                  |           |
|------------------|-----------|
| <b>Material:</b> | Aluminium |
| <b>Color:</b>    | Dark Grey |

## MEASUREMENT AND INSTALLATION

|                                 |                 |
|---------------------------------|-----------------|
| <b>Operating Environment:</b>   | Outdoor         |
| <b>IP Degree of Protection:</b> | 66              |
| <b>Protection Class:</b>        | I               |
| <b>Installation:</b>            | Surface mounted |
| <b>Mounting Installation:</b>   | Screw Mounting  |
| <b>Fire Safety Marks:</b>       | MM-mark         |
| <b>Approval Marks:</b>          | CE              |
| <b>Length (mm):</b>             | 279             |
| <b>Width (mm):</b>              | 78              |
| <b>Height (mm):</b>             | 26              |
| <b>Weight (kg):</b>             | 1,1             |

