

Ref: 40.038

**Features:**

- Protections: Overload / Over voltage / Short circuit / Over temperature
- Cooling by free air convection
- European AC input range
- Protection degree: IP20
- Compliance to worldwide regulations for lighting



|                            |                                  |  |
|----------------------------|----------------------------------|--|
| Electrical characteristics | Power (W)                        | 100W   |
|                            | Voltage (V)                      | 24V  |
|                            | Output current range (A)         | 0 ~ 4.17A  |
| Input specifications       | Input voltage range              | 180 - 264VAC   |
|                            | Input frequency range            | 47Hz - 63Hz  |
|                            | Power factor                     | ≥ 0.9%   |
|                            | Total harmonic distortion THD    | < 19%  |
|                            | Efficiency                       | ≥ 90%  |
|                            | Input AC current                 | < 0.7A   |
|                            | Inrush current (typ.)            | < 60A / 230VAC; T <sub>width</sub> (time to half-peak) = 500µs   |
|                            | No load power consumption        | < 0.5W / 230Vac; 50Hz  |
| Output specifications      | Channel number                   | 6 (3A for each channel)  |
|                            | Rated current                    | 4.17A  |
|                            | Output line regulation           | ±1%  |
|                            | Output load regulation           | ±1%  |
|                            | Output tolerance                 | ±5%  |
|                            | Ripple and noise                 | ≤ 250mV <sub>P-P</sub>   |
|                            | Setup time                       | < 500ms  |
| Protections                | Over current                     | Range: 130% rated output power / Type: hiccup mode. Recovers automatically after fault condition is removed.   |
|                            | Short circuit                    | Type: hiccup mode. Recovers automatically after fault condition is removed.                                    |
|                            | Over voltage                     | Range: 150% rated output voltage / Type: hiccup mode. Recovers automatically after fault condition is removed. |
|                            | Over Temperature                 | Range: tc > 115°C / Type: shut down output voltage. Re-power on to recovery.                                   |
| Working environment        | Working temperature              | -20°C - 45°C   |
|                            | Working humidity                 | 45 - 85% RH  |
|                            | Storage temperature and humidity | -40°C - 85°C, 10 - 90% RH non-condensing   |
|                            | Tc                               | tc=90°C  |
| Other                      | Dimension                        | 191x58.4x18mm  |
|                            | Weight                           | 0.205Kg  |
|                            | Guarantee                        | 5 years  |



**Assembly and safety information**

**Applied standards:**

- EN 61347-1
- EN 61347-2-13
- EN 61000-3-2
- EN 61547
- EN 55015

Measurements:

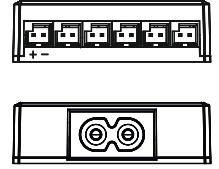
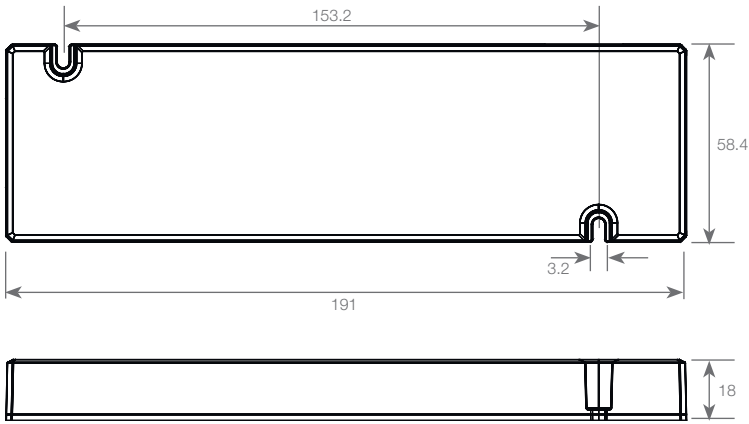


Diagram:

