

**TECHNICAL DATA SHEET : LED DRIVER CONSTANT CURRENT  
MODEL NO : HR0400MA040RLX2**



**PRODUCT DESCRIPTION**

- Fixed output build in LED Driver.
- Constant Current LED Driver.
- Output Current 400mA .
- Max Output Power 16W.
- Nominal Life-Time Upto 30,000 hr.
- 3-Year Warranty.
- High voltage withstanding capacity 440V .
- CE ( Certified ).
- IS 15885 (Part 2/Sec 13).
- IS 16104.
- IEC 60950-1.
- IEC 61000-4-5.



**Input Characteristics**

|   |                         |              |
|---|-------------------------|--------------|
| 1 | Voltage (Un)            | 240 Vac      |
| 2 | Operating Voltage Range | 100 ~300 Vac |
| 3 | Frequency (Hz)          | 50 / 60 Hz   |
| 4 | Maximum Input Current   | 0.074A       |

**Output Characteristics**

|    |                             |                    |   |                    |
|----|-----------------------------|--------------------|---|--------------------|
| 5  | Input Power (W)             | 20W                |   |                    |
| 6  | Power Factor (PF)           | > 0.98             | Output short circuit protection and Restart | Yes                |
| 7  | Inrush current Protection   | Yes                | Over Current Protection                     | Yes                |
| 8  | Current Harmonics (Athd)    | < 10%              | Thermal Protection                          | Yes                |
| 9  | Surge Withstanding Capacity | 4.0KV              | No-Load Protection                          | Yes                |
| 10 | Over Voltage Cutoff         | 310V (Tole +/-10V) | Max Output Current                          | 400mA (Tole +/-3%) |
| 11 | Automatic Restart           | 300V               | Output Voltage                              | 25-40V             |
| 12 | Driver Life                 | >30000Hrs          | Output Power (W)                            | 16W max            |
|    |                             |                    | Efficiency                                  | 88%                |

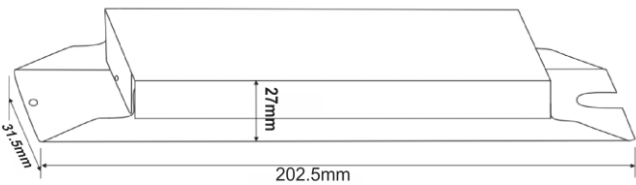
**Environmental Operating Details**

|   |                              |                   |
|---|------------------------------|-------------------|
| 1 | Minimum Starting Temperature | -30°C ... 75°C    |
| 2 | Max. Ambient Temperature     | -30°C ... to 50°C |
| 3 | Max. Case temperature (Tc)   | 75°C              |

**Key Features**

- Compact Design
- High Voltage withstanding capacity
- High Surge withstanding capacity
- Long Life
- High Durability
- Automatic Restart after Safe Voltage Mode.

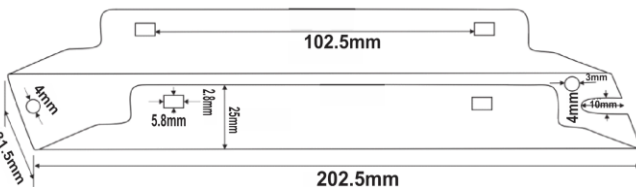
**METAL BOX**



**Mechanical Details**

|   |                          |           |
|---|--------------------------|-----------|
| 1 | Weight                   | 150gm.    |
| 2 | Case Dimensions          |           |
|   | Length W/Mount           | 202.5mm   |
|   | Center to Center (CTC)   | 194mm     |
|   | Width                    | 31.5mm    |
|   | Height                   | 27mm      |
| 3 | Case Material            | Metal Box |
| 4 | Wiring Diagram           | On Screen |
| 5 | Input / Output Terminals | Connector |
| 6 | Wires Length & Colors    |           |
|   | Input (Yellow)           | NA        |
|   | Output (Red & Black)     | NA        |
| 7 | Potting                  | NA        |

**BOTTOM**



**TOP**

