

**PRODUCT DESCRIPTION**

- Fixed output build in LED Driver.
- Constant Current LED Driver.
- Nominal Life-Time Upto 30,000 hr.
- 3/5-Years Warranty.
- High Voltage withstanding capacity 440V AC.
- CE ( Certified ).
- IS 15885 (Part 2/Sec 13).
- IS 16104.
- IEC 60950-1.
- IEC 61000-4-5.



| Input Characteristics |                             | Mechanical Details   |   |                          |           |
|-----------------------|-----------------------------|----------------------|---|--------------------------|-----------|
| 1                     | Voltage (Un)                | 240 Vac              | 1 | Weight                   | 90gm.     |
| 2                     | Operating Voltage Range     | 100 ~300 Vac         | 2 | Case Dimensions          |           |
| 3                     | Frequency (Hz)              | 50 / 60 Hz           | 3 | Length W/Mount           | 330mm     |
| 4                     | Maximum Input Current       | 0.095A               | 4 | Center to Center (CTC)   | 322mm     |
| 5                     | Input Power (W)             | 23W                  | 5 | Width                    | 19mm      |
| 6                     | Power Factor (PF)           | > 0.98               | 6 | Height                   | 18mm      |
| 7                     | Inrush current Protection   | Yes                  | 3 | Case Material            | PC Box    |
| 8                     | Current Harmonics (Athd)    | < 10%                | 4 | Wiring Diagram           | On Screen |
| 9                     | Surge Withstanding Capacity | 4 KV                 | 5 | Input / Output Terminals | Connector |
| 10                    | Over Voltage Cutoff         | 320V (Tole : +/-10V) | 6 | Wires Length & Colors    |           |
| 11                    | Under Voltage Cutoff        | 110V                 |   | Input (Yellow)           | NA        |
| 12                    | Automatic Restart           | 300V                 |   | Output (Red & Black)     | NA        |
| 13                    | Driver Life                 | >30000Hrs            | 7 | Potting                  | NA        |

| Output Characteristics |   | Key Features         |   |  |
|------------------------|---|----------------------|---|--|
| 1                      | Output short circuit protection and Restart | Yes                  | 1 | Compact Design                             |
| 2                      | Thermal Protection                          | Yes                  | 2 | High Voltage withstanding capacity         |
| 3                      | No-Load Protection                          | Yes                  | 3 | High Surge withstanding capacity           |
| 4                      | Max Output Current                          | 500MA (Tole : +/-3%) | 4 | Long Life                                  |
| 5                      | Output Voltage                              | 25-40V               | 5 | High Durability                            |
| 6                      | Output Power (W)                            | 20W max              | 6 | Automatic Restart after Safe Voltage Mode. |
| 7                      | Efficiency                                  | >88%                 |   |  |

| Environmental Operating Details |                              |                   |
|---------------------------------|------------------------------|-------------------|
| 1                               | Minimum Starting Temperature | -30°C ... 75°C    |
| 2                               | Max. Ambient Temperature     | -20°C ... to 65°C |
| 3                               | Max. Case temperature (Tc)   | 75°C              |
|                                 |                              |                   |
|                                 |                              |                   |
|                                 |                              |                   |
|                                 |                              |                   |
|                                 |                              |                   |
|                                 |                              |                   |
|                                 |                              |                   |

