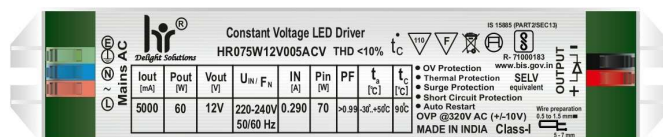


## TECHNICAL DATA SHEET : LED DRIVER CONSTANT VOLTAGE

Model No : HR045W24V105ACV

### PRODUCT DESCRIPTION

- Fixed output build in LED Driver.
- Constant Voltage LED Driver.
- Nominal Life-Time Upto 50,000 hr.
- 3/5-Years Warranty.
- CE ( Certified ).
- IS 15885 (Part 2/Sec 13).
- IS 16104.
- IEC 61000-4-5.



Product images are for reference only, Screen image change with respect to product specification.

### Input Characteristics

|    |                             |                      |
|----|-----------------------------|----------------------|
| 1  | Voltage (Un)                | 240 Vac              |
| 2  | Operating Voltage Range     | 100 ~300 Vac         |
| 3  | Frequency (Hz)              | 50 / 60 Hz           |
| 4  | Maximum Input Current       | 0.18A                |
| 5  | Input Power (W)             | 42W                  |
| 6  | Power Factor (PF)           | > 0.98               |
| 7  | Inrush current Protection   | Yes                  |
| 8  | Surge Withstanding Capacity | 4 KV                 |
| 9  | Driver Life                 | >50000Hrs            |
| 10 | THD                         | <10%                 |
| 11 | Over Voltage Protection     | 320V (+/-10V)        |
| 12 | Under Voltage Cutoff        | 100V (Tole : +/-10V) |
| 13 | Automatic Restart           | 290V (Tole : +/-10V) |

### Mechanical Details

|   |                          |             |
|---|--------------------------|-------------|
| 1 | Weight                   | 200gm.      |
| 2 | Case Dimensions          |             |
| 3 | Length W/Mount           | 151mm       |
| 4 | Center to Center (CTC)   | 142mm       |
| 5 | Width                    | 36.5mm      |
| 6 | Height                   | 29mm        |
| 3 | Case Material            | PC Box      |
| 4 | Wiring Diagram           | On Screen   |
| 5 | Input / Output Terminals | Connector   |
| 6 | Wires Length & Colors    |             |
|   | Input (Yellow)           | NA          |
|   | Output (Red & Black)     | NA          |
| 7 | Potting                  | Semi Potted |
| 8 | IP Rating                | IP-20       |

### Output Characteristics

|   |                                             |                       |
|---|---------------------------------------------|-----------------------|
| 1 | Output short circuit protection and Restart | Yes                   |
| 2 | Thermal Protection                          | Yes                   |
| 3 | No-Load Protection                          | Yes                   |
| 4 | Max Output Current                          | 1500MA (Tole : +/-3%) |
| 5 | Output Voltage                              | 24V                   |
| 6 | Output Power (W)                            | 36W max               |
| 7 | Efficiency                                  | >85%                  |

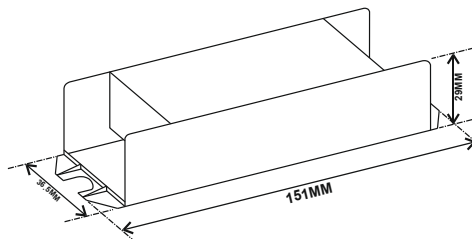
### Key Features

|   |                 |
|---|-----------------|
| 1 | Compact Design  |
| 2 | High Surge      |
| 3 | Long Life       |
| 4 | High Durability |

### 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)   | 90°C              |
|   |                              |                   |
|   |                              |                   |
|   |                              |                   |
|   |                              |                   |
|   |                              |                   |
|   |                              |                   |
|   |                              |                   |
|   |                              |                   |

### Plastic Box



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