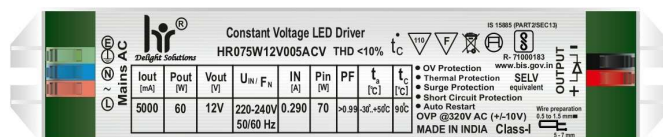


TECHNICAL DATA SHEET : LED DRIVER CONSTANT VOLTAGE **Model No : HR045W12V003ACV**

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	0.19A
5	Input Power (W)	45W
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	3000MA (Tole : +/-3%)
5	Output Voltage	12V
6	Output Power (W)	36W max
7	Efficiency	>80%

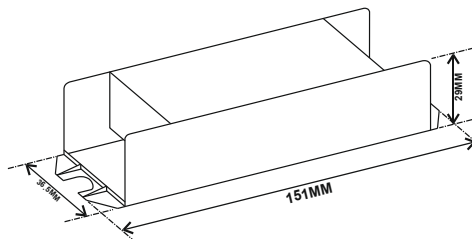
Key Features

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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