TECHNICAL DATA SHEET : DC-DC CONVERTER

Model No : HR1000MA36VDCDC

PRODUCT DESCRIPTION

- Constant Current LED Driver.
- Nominal Life-Time Upto 50,000 hr.
- 3/5-Years Warranty.
- 12V,24V,48V & 110V DC input voltage range.
- CE (Certified).
- IS 15885 (Part 2/Sec 13).
- Operates in boost topology.
- Integrated mosfet.

Input Characteristics

1	Voltage (Un)	**24 VDC**
2	Operating Voltage Range	**12 -110 VDC**
3	Maximum Input Current	**1.66A**
4	Input Power (W)	**40W max**

Mechanical Details

1	Weight	**90gm.**
2	Case Dimensions	
3	Length W/Mount	**101mm**
4	Center to Center (CTC)	**83mm**
5	Width	**46mm**
6	Height	**30mm**
3	Case Material	**PC**
4	Wiring Diagram	**On Screen**
5	Input / Output Terminals	**Wire**
6	Wires Length & Colors	
	Input (Red & White)	**150mm**
	Output (Red & Black)	**150mm**
7	Potting	**Yes**

Output Characteristics

1	Over Current Protection	**Yes**
2	Thermal Protection	**Yes**
3	Max Output Current	**1000mA**
4	Output Voltage	**30-40V**
5	Output Power (W)	**36W MAX**
6	Efficiency	**>88%**

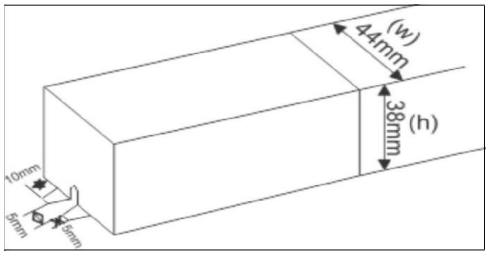
Key Features

1	Compact Design
2	Long Life
3	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)	**75°C**

Plastic Box



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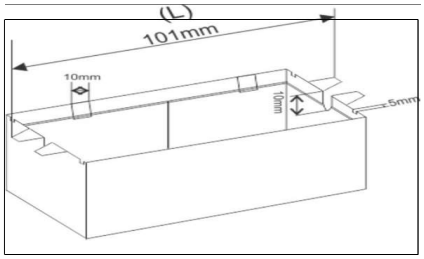

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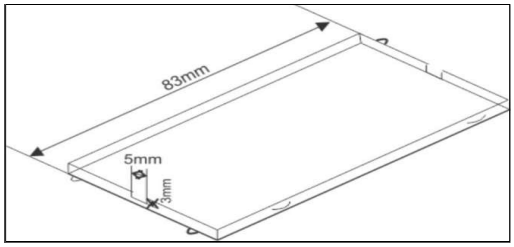

Sr./Gat No.08,A/P .Sasewadi ,Tal.Bhor ,Dist Pune ,Near ZP School ,Sasewadi ,Pune 412205.Maharashtra (India)

Email ID :- marketing@hrindustry.net ,hrindustry12@outlook.com. Mobile :- 9049378851