

TECHNICAL DATA SHEET : CONSTANT CURRENT LED DRIVER

Model No : HR50WTVBSPC0000

IS 15885 (PART2/SEC13)



R- 71000183
www.bis.gov.in

PRODUCT DESCRIPTION

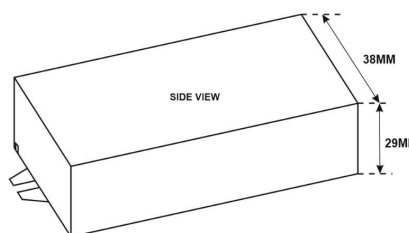
- Fixed output build in LED Driver.
- Constant Current LED Driver.
- Nominal Life-Time Upto 50,000 hr.
- 3/5-Years Warranty.
- High Voltage withstanding capacity 440V AC.
- CE (Certified).
- IS 15885 (Part 2/Sec 13).
- IS 16104.
- IEC 61000-4-5.



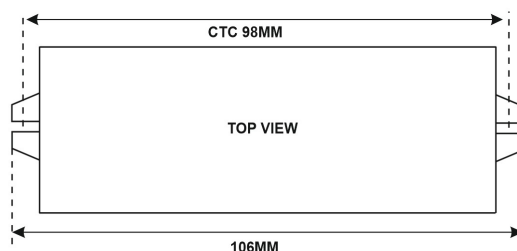
Product images are only for reference, Screen image change with respect to product specification.

Input Characteristics			Mechanical Details		
1	Rated Voltage	240VAc	1	Weight	170gm
2	Operating Voltage Range	120-270VAc	2	Case Dimensions	
3	Frequency (Hz)	50 / 60	3	Length W/Mount	106mm
4	Maximum Input Current	0.23A		Center to Center (CTC)	98mm
5	Input Power (W)	55W		Width	38mm
6	Power Factor (PF)	>0.99		Height	29mm
7	Current Harmonics (Athd)	<10	4	Case Material	PC
8	Over Voltage Cut-off	320V (+-10VAc)	5	Wiring Diagram	On Screen
9	Automatic Restart	300V (+-10VAc)	6	Input / Output Terminals	Wire
10	Under Voltage Cut-Off	90V (+-10VAc)	7	Wires Length	
11	Driver Life	>50000		Input (Single core-Brown(L,N) & Green-E)	300mm
12	Surge Withstand Capacity	4Kv		Output (Single Core Wire- Red(+),Black(-)	300mm
			8	Potting	Yes IP-65/67

Output Characteristics			Key Features		
1	Output short circuit protection and Restart	Yes	1	Compact Design	
2	Thermal Protection	Yes	2	High Voltage Withstand 440V AC.	
3	No-Load Protection	Yes	3	High Surge withstanding capacity	
4	Max Output Current	700mA (Tole : +/-3%)	4	Long Life	
5	Output Voltage	50-70V	5	High Durability	
6	Output Power (W)	50W max	6	Automatic Restart after Safe Voltage Mode.	
7	Efficiency	>88%			

Environmental Operating Details			Plastic Box		
1	Minimum Starting Temperature	-30°C ... 75°C			
2	Max. Ambient Temperature	-20°C ... to 65°C			
3	Max. Case temperature (Tc)	85°C			

Box



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