



# TECHNICAL DATA SHEET : ELECTRONIC BALLAST

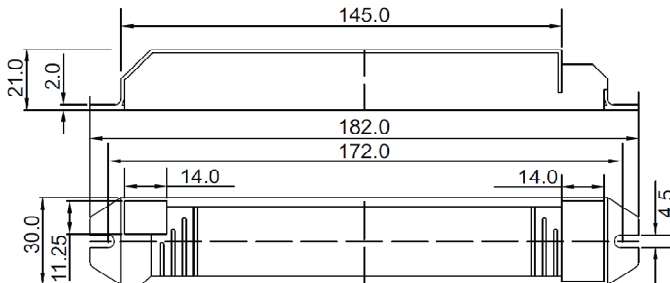
Project : STANDARD

Type : COMMERCIAL

Model No : HSC-240-118-UT8-OAE

Remark :

## Model : 1 X 18W BALLAST



## Input Characteristics

1	Voltage (Un)	240 Vac
2	Operating Voltage Range	140 ~ 277 Vac
3	Frequency (Hz)	50 / 60 Hz
4	Current (A)	0.08 A
5	Wattage (W)	18W
6	Power Factor (PF)	> 0.96 (PPFC)
7	Current Harmonics (Athd)	< 30%
8	Over Current Protection	Yes
9	Surge Withstanding Capacity	Yes
10	Over Voltage Application	@ 320Vac 48Hrs & @ 360Vac 2 Hrs

## Output Characteristics

1	Lamp Types	18W-T8-FTL 20W-T12-FTL 18W-PLL
2	Number of Lamps	1
3	Lamp Connection	Single
4	Lamp Current	0.300A
5	Operating Frequency	≥ 40 KHz
6	Ignition Method	RS

## Ballast Characteristics

1	Lamp Current Crest Factor (CCF)	≤ 1.8
2	Ballast Efficiency (BE)	≥ 86%

## Protection Features

1	Deactivated Lamp	Yes
2	Restart or Latching	Latching

## Environmental Operating Details

1	Minimum Lamp Starting Temperature	0°C
2	Max. Ambient Temperature	50°C
3	Max. Case Temperature (Tc)	65°C

## Ordering Information

Sr	Model Number	Description	Case Lot
1	HSC-240-118-UT8-OAE	1x18W T8 <30% THD 1x20W T12 <30% THD 1x18W PLL <30% THD	50

## Mechanical Details

1	Weight	80 gm
2	Case Dimensions	
	Length W/Mount	182 mm
	Center to Center ( CTC )	172 mm
	Width	30 mm
	Height	21 mm
3	Case Material	ABS Box
4	Wiring Diagram	On Screen
5	Input / Output Connections	Connector Screw Type/Wire
6	Wires Length & Colors	
	Input ( White & Black )	N/A
	Output ( White )	450 mm
	Output ( Gray )	550 mm
7	Potting	N/A

## Notes

A High power factor Electronic ballast specially designed for heavy duty use.

### Key features :-

- Compact Design.
- High Voltage withstanding capacity.
- High Surge withstanding capacity
- Long Life.
- High Durability
- Lamp will not Shut down @ high Voltage
- Automatic restart after lamp replacement

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