



TECHNICAL DATA SHEET : ELECTRONIC BALLAST

Project : STANDARD

Type : ECONOMIC

Model No : HSC-240-118-XT8-OAA

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)	18 W
6	Power Factor (PF)	> 0.94 (PPF)
7	Current Harmonics (Athd)	< 35%
8	Over Current Protection	Yes
9	Surge Withstanding Capacity	Yes
10	Over Voltage Application	@ 320Vac 48Hrs & @ 360Vac 2Hrs

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	≥ 40KHz
6	Ignition Method	RS

Ballast Characteristics

1	Lamp Current Crest Factor (CCF)	≤ 1.90
2	Ballast Efficiency (BE)	≥ 86%

Protection Features

1	Deactivated Lamp	NO
2	Restart or Latching	N/A

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 No	Model Number	Description	Case Lot
1	HSC-240-118-XT8-OAA	1x18W T8 <35% THD 1x20W T12 <35% THD 1x18W PLL <35% THD	180

Mechanical Details

1	Weight	75 gm
2	Case Dimensions	
	Length W/Mount	130 mm
	Center to Center (CTC)	120 mm
	Width	40 mm
	Height	33.5 mm
3	Case Material	ABS
4	Wiring Diagram	On Screen
5	Input / Output Connections	Wires
6	Wires Length & Colors	
	Input (White & Black)	180 mm
	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
- Best replacement for magnetic ballast with lower losses.
- High Surge withstanding capacity
- Long Life
- High Durability
- Plastic body (No Earthing Required)
- Economical
- Lamp will not Shut down @ high Voltage