



TECHNICAL DATA SHEET : ELECTRONIC BALLAST

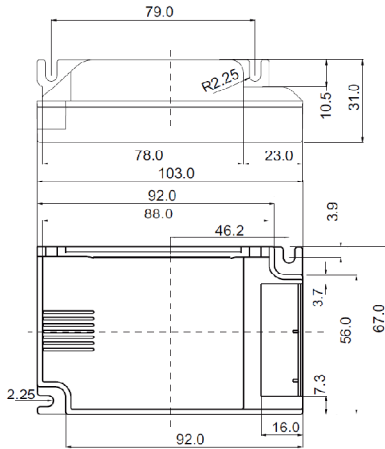
Project : STANDARD

Type : PROFESSIONAL

Model No : HPY-240-218-YCF-OAE

Remark :

Model : 2 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) | 0.18A |
| 5 | Wattage (W) | 40W |
| 6 | Power Factor (PF) | > 0.97 (PPFC) |
| 7 | Current Harmonics (Athd) | < 20% |
| 8 | Over Current Protection | Yes |
| 9 | Surge Withstanding Capacity | Yes |
| 10 | Over Voltage Application | @ 320Vac 48Hrs & @ 360Vac 2 Hrs |

Output Characteristics

| | | |
|---|-----------------------|---------------------|
| 1 | Lamp Types | CFL18W D/E & T/E |
| 2 | Number of Lamps | 2 |
| 3 | Lamp Connection | Dual Series |
| 4 | Single Lamp Operation | No |
| 5 | Lamp Current | 0.210A |
| 6 | Operating Frequency | ≥ 40 KHz |
| 7 | Ignition Method | RS |

Ballast Characteristics

| | | |
|---|---------------------------------|-------|
| 1 | Lamp Current Crest Factor (CCF) | < 1.8 |
| 2 | Ballast Efficiency (BE) | ≥ 84% |

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) | 70°C |

Ordering Information

| Sr | Model Number | Description | Case Lot |
|----|---------------------|-------------------|----------|
| 1 | HPY-240-218-YCF-OAE | 2x18W CFL<20% THD | 50 |

Mechanical Details

| | | |
|---|----------------------------|----------------------|
| 1 | Weight | 100 gm |
| 2 | Case Dimensions | |
| | Length W/Mount | 103 mm |
| | Center to Center (CTC) | 113 mm |
| | Width | 67 mm |
| | Height | 31 mm |
| 3 | Case Material | ABS |
| 4 | Wiring Diagram | On Screen |
| 5 | Input / Output Connections | Connectors Push Type |
| 6 | Wires Length & Colors | |
| | Input (White & Black) | N/A |
| | Output (White) | N/A |
| | Output (Gray) | N/A |
| 7 | Potting | N/A |

Notes

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

Key features :-

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

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 1 years from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product catalog (www.fulham.com)

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