

Technical Datasheet

Model Name : ECO 10W 40-0250-PL
Model No. : 040C0250Z0C
Description : Constant Current LED Driver (Isolated)
BIS Approbations : IS 15885 (Part 2 / Sec 13)
BIS Status : In Process



Technical Specifications:

Category	Parameters	Specifications
Features	Output Type Dimming Type IP Grade Insulation Class Application	Constant Current Non Dimmable IP 20 Class II Indoor
Input	Rated Input Voltage Operating Input Voltage Frequency Input Current Input Power Power Factor ATHD No Load / Standby Power Galvanic Isolation (Input to Output) Input Overvoltage Protection	220 - 240VAC 160-265VAC 50-60Hz 0.057A 12W >0.85 <60% <0.5W 1.5KV Sustain 320VAC Without shutdown for 4 hrs. Sustain 350VAC Without shutdown for 1hrs.
Output	Output Current Output Voltage Output Power Current Tolerance Efficiency Current Ripple Overload Protection Open Circuit Protection Short Circuit Protection	250mA 28-40VDC 10W <5% ≥85% @ 100% load (240VAC) <10% Yes Yes Yes
Environment & Protection	Ambient Operating temperature Range Storage Temperature Max Case Temperature Surge Protection	0°C - 50°C -20°C to +75°C 75°C 4KV
Construction	Connection PRI Wire Preparation SEC Wire Preparation Dimensions Weight	Connector 2pole 45° push-in with release key 8.5-9.5mm Strip length (0.5-1.5sqmm) 8.5-9.5mm Strip length (0.5-1.5sqmm) 80x40x22MM 35 Gms

Wiring instructions:

- All connections must be kept as short as possible to ensure good EMI behavior
- Mains leads should be kept apart from LED Driver and other leads (ideally 5 . 10 cm distance)
- Advice the maximum length of output wires is 2 Mtrs.
- Incorrect wiring can damage LED modules.
- The wiring must be protected against short circuits to earth (sharp edged metals parts, metal cable clips, louver, etc.)

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