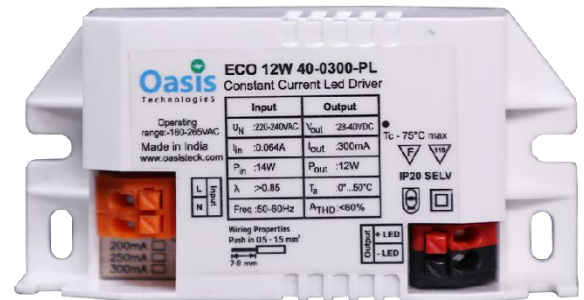


Technical Datasheet

Model Name : ECO 12W 40-0300-PL
Model No. : 040C0300Z0C
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 0.064A 14W >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 | 300mA 28-40VDC 12W <5% ≥83% @ 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 2Mtrs.
- 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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