

PCCx2E Series

35-70W Constant Current LED 2 Channel Driver



Case No: 813DJ
285 x 30 x 28 mm

Features

- 2 Channel ECG for constant operation of LED modules
- High Efficiency (up to 91%)
- SELV equivalent output voltages ≤ 60 VDC
- Soft start and low output current ripple
- For use in luminaires of protection class 1
- Safe no-load operation
- Overload & short circuiting protection
- Overheating protection

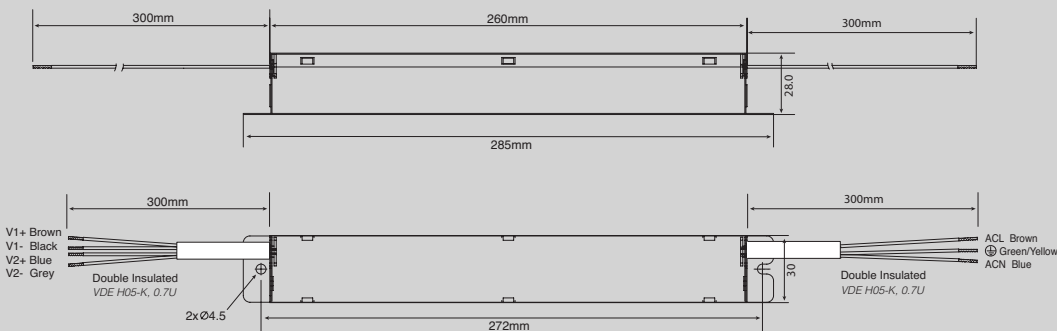
IP65 FC CE

Specification

| | | | | | |
|--------------|----------------------------|--|--------------------|--------------------|--------|
| INPUT | Voltage | 220~240 VDC | | | |
| | Power Factor | 0.98 | 0.98 | 0.98 | |
| | MODEL No. | PCC35035x2E | PCC50050x2E | PCC70070x2E | |
| OUTPUT | Voltage | 25~50V | 25~50V | 25~50V | |
| | Output Current | (wiring A) | 2x350 | 2x500 | 2x700 |
| | | (Wiring B) | 1x700 | 1x1000 | 1x1400 |
| | Efficiency | 91% | 91% | 92% | |
| PROTECTION | Over Load | 100~135% rated output power | | | |
| | Over Temperature | Thermal shutdown | | | |
| ELEC. CHAR. | Setup Time | <2s | | | |
| ENVIRONMENT | Temperature | Operating: -20 ~ +50°C ; Storage: -20 ~ +80°C | | | |
| | Ambient Temperature | -20°C to +50°C | | | |
| SAFETY & EMC | Safety Standard | Design refers to EN61347-1:2001, EN61347-2-13:2001 | | | |
| | Emissions | Compliance to EN61000-3-2, EN61000-3-3, EN55015 | | | |
| | EMC | Immunity Compliance to EN55015, EN61547 | | | |
| OTHERS | M.T.B.F. | 100K hrs min. MIL-HDBK-217F (25°C) | | | |
| | Case | 8046GX | 8046GX | 8046GX | |
| | Packing | 150g | 150g | 150g | |

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple and noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
4. The power driver is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.
5. Installation clearances: 40mm on top, 20mm on the bottom, 5mm on the left and right side are recommended when loaded permanently with full power. In case the adjacent device is a heat source.

Mechanical Diagram



Wiring Diagram

