PTo 250/220...240 3DIM

Kod produktu: 56588



Dane techniczne:

- Operating frequency **0.200–0.240 kHz**
- Length **170.0 mm**
- New article **NEW**
- ECG efficiency **93 %**
- Inrush current **4 A**
- Max. no. of ECGs on circuit breaker 10 A **7**
- Max. no. of ECGs on circuit breaker 16 A **11**
- Width **90.0 mm**
- Height **60.0 mm**
- Mounting hole spacing, length **160.0 mm**
- Cable cross-section, input side **1.0–2.5 mm²**
- Product weight **1375.00 g**
- Cable cross-section, output side **1.0–2.5 mm²**
- Ambient temperature range **-25–+55 °C**
- Maximum temperature at tc test point **85 °C**
- Overheating protection **Power reduction and switch off at T > 85 °C at the tc point**
- Approval marks approval **ENEC 10 / VDE / VDE-EMC / GOST**
- Standards **Acc. to EN 61347-2-12/Acc. to EN 55015/Acc. to EN 61000-3-2/Acc. to EN 61547/Acc. to EN 62386-101/Acc. to EN 62386-102/Acc. to EN 62386-103**
- Dimming range **60–100 %**
- Lamp wattage **250 W**
- Line current **1.17 A**
- System wattage **270.00 W**
- Max. capacitance of wire ECG/lamp **200 pF**
- Power factor λ **0.95**
- Input voltage AC **220–240 V**
- Mains frequency **50–60 Hz**
- Surge capability (L-N) **3 kV**
- Surge capability (L/N-Ground) **4 kV**
- U-OUT (working voltage) **250 V**
- Input voltage range AC **198–264 V**
- Ignition voltage **4.5 kVp**
- Max. working voltage between LH and LL **250 V**
- Protective conductor current **0.1 mA**
- Max. working voltage betw. LL/LH & earth **250 V**

biuro@elektriko.pl +48 737 449 514

- Wire preparation length, input side **10□11 mm**
- Wire preparation length, output side **10□11 mm**
- ECG lifetime **60000 h**
- Encapsulated **Yes**
- Design / version **ECG outdoor**
- Required IP rating of luminaire **≥ 54**
- Dimmable **Yes**
- Suitable for fixtures with prot. class **I** / **II**
- Max. cable length to lamp/LED module **1.5 m**
- Dimming interface **DALI** / **StepDIM** / **AstroDIM**
- ECG reset time **> 0.5 s**
- Restriction on ignition time **20 min**
- Burn-in time prior to dimming operation **10 min**
- Lightning stroke protection **With connected equipotentiality-terminal 10 surges with 10 kV acc. to IEC 61000-4-5**
- Type of protection **IP20**
- EEI □ Energy Label **A2**
- Casing material **Plastic**

Product benefits

- Energy savings up to 30 % (compared to CCG operation) thanks to 3DIM (except PTo 35)
- High surge protection: up to 3 kV (L-N) / 4 kV (L/N-PE)
- Automatic safety shutdown of lamps in the event of a defect or at end of life (EoL)
- Excellent thermal behavior for very high limit temperatures tc and ta

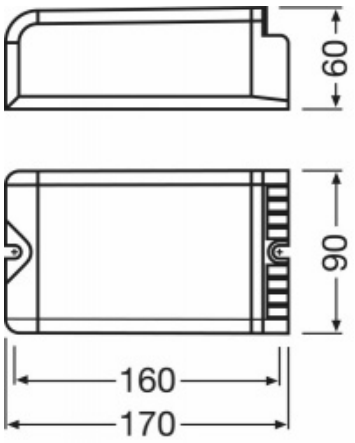
Areas of application

- Suitable for luminaires of protection classes I and II
- Suitable for outdoor applications in fixtures with IP > 54

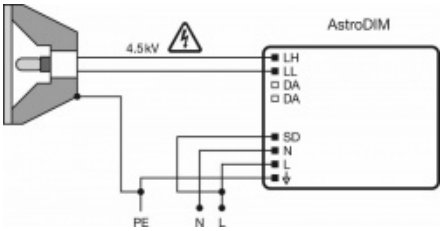
Product features

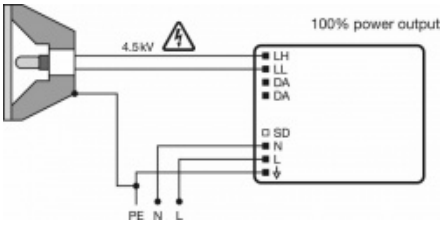
- 3DIM functionality (StepDIM/AstroDIM/DALI)
- Energy Efficiency Index EEI: A2
- Lightning protection: up to 10 kV
- Line voltage: 198…264 V
- Line frequency: 50…60 Hz
- Line harmonics according to EN 61000-3-2
- Immunity according to EN 61547
- RI suppression: to EN 55015 (A1: 2007) up to 300 MHz
- Safety: to EN 61347-2-12
- Luminous flux factor 1 compared with CCG operation
- Not suitable for DC operation

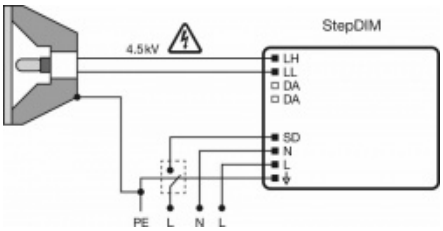
Thermal characteristics
Ballast losses and lamp heat radiation can lead to heat accumulation in a completely closed case. Therefore it is necessary to ensure that the temperature at the measuring point tc of the ECG does not exceed the maximum value.
Attention!
For safety reasons disconnect the device before replacing the lamp!

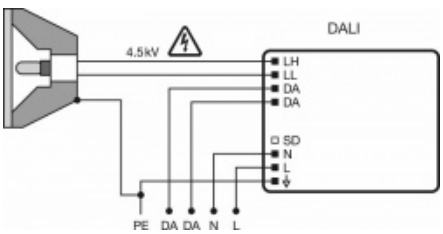












biuro@elektriko.pl
+48 737 449 514