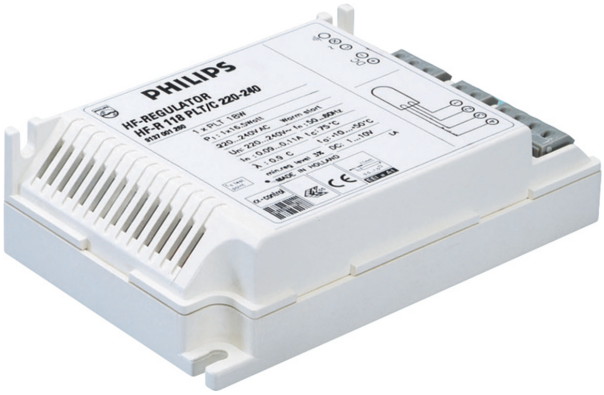



# HF-Regulator II for PL-T/C

## HF-R 2 26-42 PL-T/C EII 220-240V 50/60Hz

Compact, high-frequency electronic dimming ballast, using the analog protocol (1-10 V) for PL-T, PL-C and PL-R lamps

## Product data

### • General Information

| | |
|---|---|
| Application Code | EII |
| Type Version | mk3 |
| Lamp Type | PL-T/C |
| Number Of Lamps | 2 piece/unit |
| Number Of Products On MCB (16A Type B) (Nom) | 12 |
| Automatic Restart | Yes |

### • Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 to 60 Hz |
| Operating Frequency (Max) | 100 kHz |
| Operating Frequency (Min) | 40 kHz |
| Ignition Method | Programmed Start |
| Crestfactor (Max) | 1.7 |
| Power Factor 100% Load (Nom) | 0.95 |
| Ignition Time (Max) | 1.5 s |
| Mains Voltage Performance (AC) | -8%-+6% |
| Mains Voltage Safety (AC) | -10%-+10% |
| Earth Leakage Current (Max) | 0.5 mA |
| Inrush Current Width | 0.35 ms |
| Constant Wattage Deviation | -2%/+2% |
| Ballast Factor (Nom) | 0.99 |
| Power Losses (Nom) | 6.5-7.5 W |
| Inrush Current Peak (Max) | 45 A |

### • Wiring

| | |
|---|---|
| Connector Type Input Terminals | Insert |
| Cable Capacity | 30 pF |
| Output Wires Mutual (Nom) | |
| Connector Type Output Terminals | Insert |
| Connector Type Control Input Terminals | Insert |
| Wire Striplength | 7.5-8.5 mm |
| Dual Fixture Master/ Slave | Not advisable [ Master/Slave operation not advised] |
| Control Input Terminal Cross Section | 0.50-1.50 mm² |
| Input Terminal Cross Section | 0.50-1.50 mm² |
| Output Terminal Cross Section | 0.50-1.50 mm² |
| Cable Capacity Output Wires To Earth (Nom) | 75 pF |

### • System characteristics

| | |
|---|---|
| Rated Ballast-Lamp Power | 26-42 W |

### • Temperature

| | |
|---|---|
| T-Ambient (Max) | 50 °C |
| T-Ambient (Min) | -20 °C |
| T-Storage (Max) | 80 °C |

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# HF-Regulator II for PL-T/C

| | |
|---|---|
| T-Storage (Min) | -25 °C |
| T-Case Lifetime (Nom) | 65 °C |
| T-Case Maximum (Max) | 75 °C |
| Stable Lamp Operation Temperature | Not specified |
| T-Ignition (Max) | 50 °C |
| T-Ignition (Min) | 0 °C |

- Controls and Dimming

| | |
|---|---|
| Control Interface | 1-10V |
| Regulating Level Power | 1%-100% |
| Control Input Protection | Yes (Basic insulation) |

- Mechanical and Housing

| | |
|---|---|
| Housing | S 123x79x33 |

- Emergency Operation

| | |
|---|---|
| Battery Voltage Lamp Ignition | 198-254 V |
| Battery Voltage Lamp Operation | 176-254 |

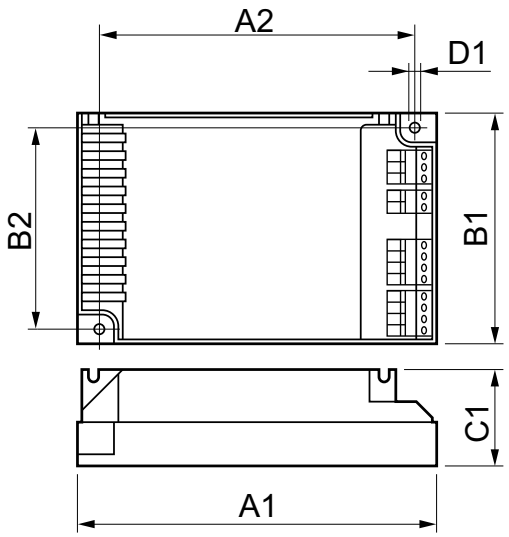
- Approval and Application

| | |
|---|---|
| Energy Efficiency Index | A1 |
| EMI 9 kHz ... 30 MHz | EN55015 |
| EMI 30 MHz ... 1000 MHz | Level = Class |
| Safety Standard | IEC 61347-2-3 |
| Performance Standard | IEC 60929 |
| Quality Standard | ISO 9000:2000 |
| Environmental Standard | ISO 14001 |
| Harmonic Current Emission Standard | IEC 61000-3-2 |
| EMC Immunity Standard | IEC 61547 |
| Vibration Standard | IEC 68-2-6 Fc |
| Bumps Standard | IEC 68-2-29 Eb |
| Humidity Standard | EN 61347-2-3 clause 11 |
| Approval Marks | CE marking<br>ENEC certificate<br>VDE-EMV certificate |
| Temperature Marking | Yes |
| Emergency Standard | IEC 60598-2-22 |
| Hum And Noise Level | Inaudible |

- Product Data

| | |
|---|---|
| Full product code | 872790080972500 |
| Order product name | HF-R 2 26-42 PL-T/C EII 220-240V 50/60Hz |
| EAN/UPC - Product | 8711500880758 |
| Order code | 913700626566 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 913700626566 |
| Net Weight (Piece) | 0.230 kg |

## Dimensional drawing

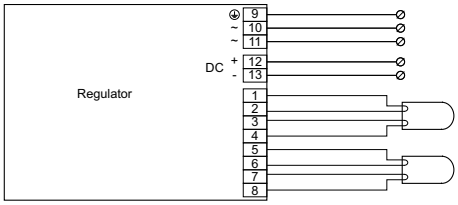



### HF-R 2 26-42 PL-T/C EII 220-240V 50/60Hz

| Product | D1 | C1 | A1 | A2 | B1 | B2 |
|---|---|---|---|---|---|---|
| HF-R 2 26-42 PL-T/C EII 220-240V 50/60Hz | 4.5 mm | 33.0 mm | 123.0 mm | 111.0 mm | 79.0 mm | 67.0 mm |

# HF-Regulator II for PL-T/C

## Dimensional drawing




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data subject to change