



Dimming – a next step in energy saving

HF-Regulator Intelligent Touch DALI for PL-T/C and TL5C

Intelligent high-frequency electronic dimming ballast, using DALI (Digital Addressable Lighting Interface according to IEC62386) or Touch and Dim push-button protocol for fluorescent lamps. Features Corridor Mode, programmable with Philips MultiOne. High-frequency operation improves light quality and lamp lifetime. Pre-empting upcoming legislation as it meets A1BAT requirements. The ballast is primarily designed for indoor application. For outdoor application, the luminaire should be minimum Class II need to be sufficiently protected against water & dust. The installation should also be guard against any lightening surge or any other necessary electrical protection as deemed in such typical installation & application.

Benefits

- Programmed start: flicker-free ignition in 0.5 seconds and striation-free operation, no stroboscopic effects. Preheating the lamp electrodes enables the lamps to be switched on and off without reducing life
- Smart power ensures constant light, independent of mains fluctuations, and dimming from 3 to 100%
- Protected against excessive mains voltages, incorrect connections and incorrect lamp use

Features

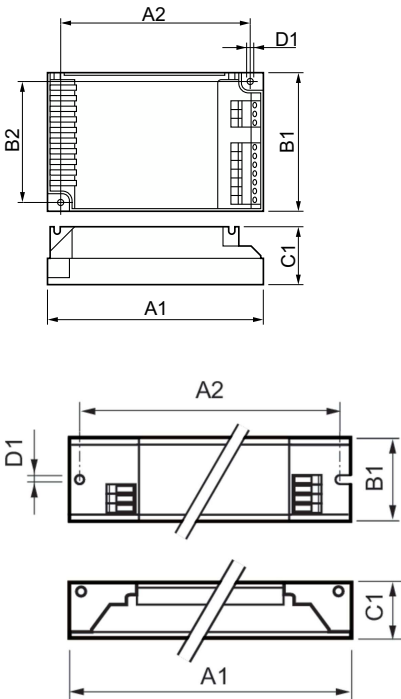
- Extremely low stand-by losses, controlled cut-off for dimming levels above 80%
- Combined with controls, additional energy savings can be achieved
- Stop circuit is activated within 5 seconds of lamp failure (safety stop), and ballast resets automatically after lamp replacement
- HF operation improves light quality and lamp lifetime
- Programmable Corridor Mode
- Compliant with European and Asian norms and suitable for emergency lighting systems

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Application

- Indoor general and task lighting applications in combination with lighting control systems (personal control, daylight linking and/or movement detection)

Dimensional drawing



| Product | | | | | | |
|---------------------------------------|-----|------|-------|-------|------|------|
| HF-Ri TD 1 26-42 PL-T/C E+ | 4.5 | 33.0 | 123.0 | 111.0 | 79.0 | 67.0 |
| | mm | mm | mm | mm | mm | mm |
| HF-Ri TD 155 TL5C E+ 195-240V 50/60Hz | | | | | | |
| HF-Ri TD 160 TL5C E+ 195-240V 50/60Hz | | | | | | |
| HF-Ri TD 2 26-42 PL-T/C E+ | 4.5 | 33.0 | 123.0 | 111.0 | 79.0 | 67.0 |
| | mm | mm | mm | mm | mm | mm |

| Product | A1 | B1 | C1 | A2 | B2 | D1 |
|---------------------------------------|----------|---------|---------|----------|---------|--------|
| HF-Ri TD 155 TL5C E+ 195-240V 50/60Hz | 123.0 mm | 79.0 mm | 33.0 mm | 111.0 mm | 67.0 mm | 4.5 mm |
| HF-Ri TD 160 TL5C E+ 195-240V 50/60Hz | 123.0 mm | 79.0 mm | 33.0 mm | 111.0 mm | 67.0 mm | 4.5 mm |



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| | |
|--------------------------|-------------|
| Operating and Electrical | |
| Input Frequency | 50 to 60 Hz |
| Input Voltage | 195-240 V |
| Line Frequency | 50 to 60 Hz |
| Mechanical and Housing | |
| Housing | L 123x79x33 |
| Approval and Application | |
| Energy Efficiency Index | A1 BAT |

Operating and Electrical

| Order Code | Full Product Name | Number of Products on MCB (16A Type B) (Nom) |
|--------------|----------------------------|--|
| 913700684766 | HF-Ri TD 1 26-42 PL-T/C E+ | 28 |
| 913700684866 | HF-Ri TD 2 26-42 PL-T/C E+ | 12 |

| Order Code | Full Product Name | Number of Products on MCB (16A Type B) (Nom) |
|--------------|---------------------------------------|--|
| 913700761866 | HF-Ri TD 155 TL5C E+ 195-240V 50/60Hz | 12 |
| 913700761966 | HF-Ri TD 160 TL5C E+ 195-240V 50/60Hz | 12 |

