

HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V

Kod produktu: 58374



Dane techniczne:

- Line Frequency 50/60 Hz
- T-case maximum 75 (max) C
- Full product code 913700695866
- Full product name HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V
- Order code 913700695866
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- Packing configuration **12**
- Pieces per pack 1
- Bar code on outerbox EAN3 8718291662105
- Bar code on pack EAN1 8718291662099
- Packs per outerbox 12
- Logistic code(s) 12NC 913700695866
- Net weight per piece 0.316 kg
- Length A1 360.0 mm
- CE marking Yes
- Height C1 22.0 mm
- T-ambient -25 (min), 50 (max) C
- Width B1 30.0 mm
- Lifetime 90% surv.@Tcaselife 50000 hr
- Fixing Hole Diameter D1 4.1 mm
- Fixing Hole Distance Length A2 **350.0 mm**
- Inrush current Peak 28 (max) A
- Earth leakage current 0.5 (max) mA
- Inrush current Width 0.25 ms
- T-storage -40 (min), 80 (max) C
- Rated Lamptype TL5
- Line Voltage 195-240 V
- Rated Ballast-Lamp Power 28/35/49/54
- Rated Number of Lamps 2 piece
- T-case life 75 (max) C
- Approval marks ENEC / VDE-EMV
- Automatic restart Yes
- Energy Efficiency Index A1 BAT
- Housing L 359x30x21
- Mains voltage safety (AC) -10%/+10%
- Mains voltage performance (AC) -8%/+6%
- Ballast Lumen Factor 1 -
- Power losses gear 7.2 W
- PowerFactor 100% output power 0.95 -
- Overvoltage protection 320Vac 48 hr
- Overvoltage protection 350Vac 2 hr



- Crestfactor 1.7 (max) -
- Max ballast on MCB(16A type B) 18 x
- Cable-Cap outputwires mutual 200 (max) pF
- Hum and Noise level Inaudible
- Conn.type input terminals WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring]
- Conn.type output terminals WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring]
- Striplength 8.0-9.0 mm
- Dual fixture Master/Slave Yes [Master/Slave operation possible]
- Wcs Input terminals 0.50-1.00 mm2
- Wcs Output terminals 0.50-1.00 mm2
- Rated Lamp Power on TL-D 58
- Lamp Power on TL-D 101.1
- Power Loss on TL-D 7.1
- System Power on TL-D 108.1
- Bumps IEC 68-2-29 Eb
- EMI 9kHz .. 30 MHz EN 55015
- Vibrations IEC 68-2-6 Fc
- Lamp Power on TL5 58.9/73.6/107.2/113.4
- Rated Lamp Power on TL5 28/35/49/54
- System Power on TL5 63.0/77.9/111.4
- Power Loss on TL5 4.1/4.3/4.2/6.3
- Application code E+
- Interface TD
- Ignition Method Warm Start
- Ignition time 1 (max) s
- Operating frequency 45 (min), 110 (max) kHz
- Regulating level power 1%-100%
- Battery voltage lamp ignition 198-254 V
- Battery voltage running lamps 176-254
- Control input protection Yes (Basic insulation)
- Conn.type ctrl input terminals WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring]
- Total Harmonic Distortion EUR 10 %
- Wcs Control input terminals 0.50-1.00 mm2
- T-ignition -25 (min), 50 (max) C
- Wcs auto insertion (ALF/ADS) 0.75 mm2
- EMI 30 MHz .. 1000MHz EN 55022 Class B
- Performance Standard IEC 60929
- Safety Standard IEC 61347-2-3
- Environmental Standard ISO 14001
- Quality Standard ISO 9000:2000
- Harmonic current emissions **IEC 61000-3-2**
- EMC Immunity IEC 61547
- Humidity EN 61347-2-3 clause 11
- Emergency standard IEC 60598-2-22
- Temperature marking 110 [Yes]
- Standby power consumption 0.25 (max) W
- Stable lamp operation temp. > 15°C
- Cable-Cap outputwires to earth 200 (max) pF
- Lamp Power on PL-L 101.6
- Rated Lamp Power on PL-L 55
- System Power on PL-L 108.4
- Power Loss on PL-L 6.8
- Rated Lamp Power on TL5 ECO 25/32/45/50



- Lamp Power on TL5 ECO 50.8/66.5/95.6/102.7
- Power Loss on TL5 ECO 2.9/3.8/4.1/6.0
- Rated Lamp Power on TL-D ECO 51
- System Power on TL5 ECO 53.7/70.3/99.7/108.7
- Lamp Power on TL-D ECO 89.8
- Power Loss on TL-D ECO 6.0
- System Power on TL-D ECO 95.8

This intelligent high-frequency electronic dimming ballast utilizes the DALI or Touch and Dim push-button protocol for fluorescent lamps. It meets A1BAT requirements, thereby pre-empting upcoming legislation. With a special command you can retrieve the system's mains power consumption, and with another you can find out which lamp wattage is connected. Combined with controls, additional energy savings can be achieved.

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Features

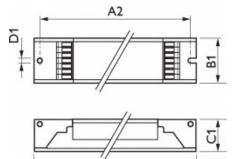
HF-R Intelligent recognizes what type of lamp (T5 HE, HO, ECO, TL-D, PL-L) is connected and drives it accordingly Programmed start: flicker-free ignition < 1.0 second and striation-free operation, no stroboscopic effects. Preheating the lamp electrodes enables the lamps to be switched on and off without reducing life

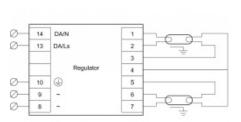
Smart power ensures constant light, independent of mains fluctuations and dimming from 1 to 100%

Stop circuit is activated within 5 seconds in the event of lamp failure (safety stop), and ballast resets automatically after lamp replacement

Programmable for intelligent functionalities via Philips MultiOne: Corridor mode, Emergency DC dim level, Burn-in time **Applications**

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





A1