



HF- Regulator TD 418 TL- D EII 220- 240V 50/60Hz

Product family description
Flat, lightweight high- frequency electronic regulating ballast, using DALI (Digital Addressable Lighting Interface) or Touch and Dim pushbutton protocol for TL- D fluorescent lamps

Features and Benefits

- Lamp power can be regulated from 1% to 100%
- Flat ballast design, 21 mm high
- Digital control input according to the industry- standard DALI (Digital Addressable Lighting Interface) combined with the Touch and Dim pushbutton protocol
- Increased lamp wire flexibility thanks to the Parasitic Capacitance Compensation (longer lamp wiring possible up to 2 m)
- Protected against excessive mains voltages, incorrect connections and incorrect lamp use
- Striation- free operation, no stroboscopic effects
- Lamp starts at 1% (DALI 1%..100% in 250 ms, from 100%..1% in 100ms)
- Automatic stop circuit is activated within 5 s in case of lamp failure (safety stop)
- Ballast resets automatically after lamp replacement
- Equipped with WAGO 251 connectors suitable for automatic wiring machines
- Up to 75% reduction in energy consumption by using automatic lighting control systems (e.g. Philips ActiLume luminaire- based system solutions)
- Quick programmed start: 0.5 s, flicker- free warm start by preheating the lamp electrodes enables lamps to be switched on and off without reducing useful life. Ideal for areas with a high switching frequency and where presence detection requires immediate start
- Low energy consumption in standby 0.35 W due to new EII technology
- Smart power ensures constant light, independent of mains voltage fluctuations
- EII- dim technology: a dedicated IC for independent control of each electrode:
- lamp life is unaffected by dimming level
- stable lamp burning at every dimming level
- maximum energy savings in dimmed operation

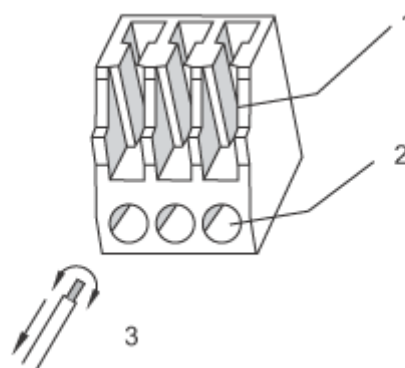
Applications

- Offices requiring simple, easy- to- install dimming or personal light level adjustment, e.g. with ActiLume
- DALI installations with daylight linking and/or movement detection (for energy savings)
- DALI installations with remote control systems (combining energy savings with comfort)
- Installations with emergency back- up, according to IEC 60598- 2- 22

Product data	
Order code	913586 30
Full product code	871150091358630
loccod	
Full product name	HF- Regulator TD 418 TL- D EII 220- 240V 50/60Hz
Order product name	HF- R TD 418 TL- D EII 220- 240V 50/60Hz
Packing type	Unpacked
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500913586
Bar code on intermediate packing - EAN2	
Bar code on outerbox - EAN3	8711500913593
Logistic code(s) - 12NC	9137 006 14766
ILCOS code	
Net weight per piece	0.370 KG
Successor order code	
Interface	TD [Touch & DALI]
Rated Number of Lamps	4piece
Rated Ballast- Lamp Power	18
Rated Lamptype	TL- D
Application code	EII
Line Voltage	220- 240V
Line Frequency	50/60Hz
Energy Efficiency Index	A1

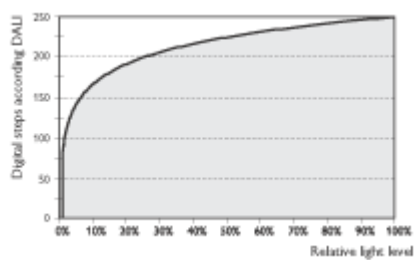


HF- R PL- L/PL- T/TL5/TL5/PL- L/TL- D

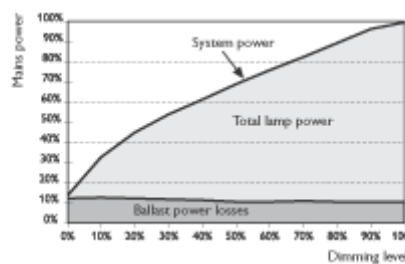


WAGO 251 connector 1 = Remark: Release all wires one by one
 IDC connection 2 = ADS/Manual connection 3 = Release:
 rotate and pull

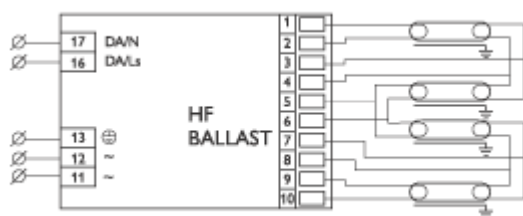
HF- R



Relationship between lamp power and digital regulation
HF-R



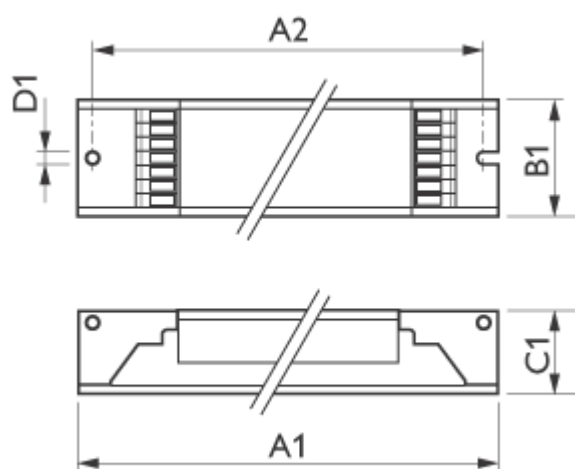
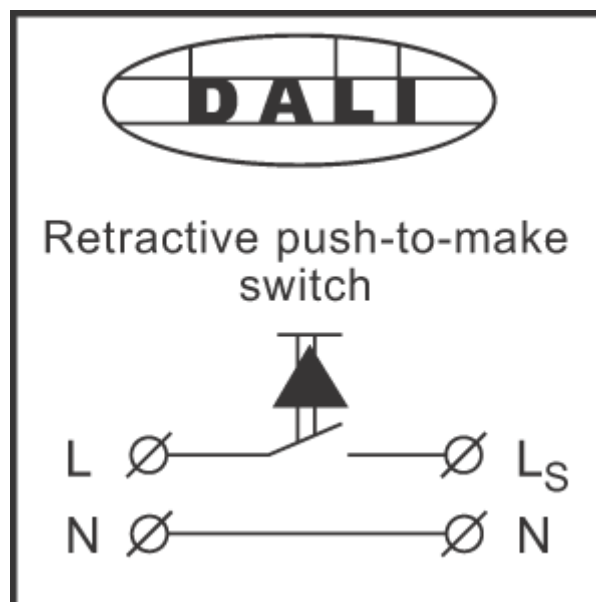
Input power vs dimlevel HF-REGULATOR II (Touch and DALI)
HF-R



HF-R 4

E II
TECHNOLOGY





HF- R PL- L/PL- T/TL5/TL5/PL- L/TL- D

	A1	A2	B1	C1	D1
Full product name	Nom	Nom	Nom	Nom	Nom
HF-Regulat or TD 418 TL-D EII	359	350	39	22	4.2

	A1	A2	B1	C1	D1
Full product name	Nom	Nom	Nom	Nom	Nom
220-2 40V 50/60 Hz					

