



Product Description

HF-Regulator II Touch and Dali for TL-D lamps

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

Benefits

- High quality dimming ballast, compliant to existing and upcoming legislation (NEN, ENEC, CE..)
- HF operation improves light quality; lamp life time and combined with controls additional energy savings can be achieved
- Via the Digital control input (according to the industry-standard DALI) or via the Touch and Dim pushbutton protocol the lamp power can be regulated from 1 to 100%

Features

- Quick programmed start: 0.5 s, flicker-free warm start by preheating the lamp electrodes enables the lamps to be switched on and off without reducing useful life. Ideal for areas with a high switching frequency
- Very low energy consumption in standby; only 0.35 W
- Smart power ensures constant light, independent of mains fluctuations
- Philips HF-Regulator EII gear is equipped with Extended Cable Flexibility (ECF) Technology. ECF Technology is based on a dedicated integrated circuit that ensures independent control of lamps, and in doing so takes care that:
 - Up to 60% reduction in energy consumption by using automatic lighting control systems
 - Flat ballast design, 22 mm high, equipped with WAGO 251 connectors suitable for automatic wiring
 - Protected against excessive mains voltages, incorrect connections and incorrect lamp use
 - Striation-free operation, no stroboscopic effects
 - Stop circuit is activated within 5 s in case of lamp failure (safety stop)
 - Ballast resets automatically after lamp replacement

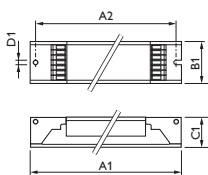
Application

- 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

Related products



Dimensional drawing



Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-R TD 136 TL-D EII 220-240V 50/60Hz	360	350	30	22	4.2
HF-R TD 236 TL-D EII 220-240V 50/60Hz	360	350	30	22	4.2
HF-R TD 418 TL-D EII 220-240V 50-60Hz	359	350	39	22	4.2
HF-R TD 218 TL-D EII 220-240V 50/60Hz	360	350	30	22	4.2
HF-R TD 318 TL-D EII 220-240V 50-60Hz	359	350	39	22	4.2

Compare table

Order code	Full product name	Interface	Rated Number of Lamps	Housing	Rated Lamptype	Application code	Line Voltage	Line Frequency	Rated Ballast-Lamp Power	Energy Efficiency Index
913700606766	HF-R TD 136 TL-D EII 220-240V 50/60Hz	TD	1	L 360x30x21	TL-D	EII	220-240	50/60	36	A1
913700606866	HF-R TD 236 TL-D EII 220-240V 50/60Hz	TD	2	L 360x30x21	TL-D	EII	220-240	50/60	36	A1
913700614766	HF-R TD 418 TL-D EII 220-240V 50/60Hz	TD	4	L 359x39x22	TL-D	EII	220-240	50-60	18	A1
913700619466	HF-R TD 218 TL-D EII 220-240V 50/60Hz	TD	2	L 360x30x21	TL-D	EII	220-240	50/60	18	A1
913700629266	HF-R TD 318 TL-D EII 220-240V 50/60Hz	TD	3	L 359x39x22	TL-D	EII	220-240	50-60	18	A1



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