



An energy-efficient solution

HF-Performer III for TL-D lamps

HF-Performer III TLD is a sustainable, slim and high-frequency electronic ballast for TL-D fluorescent lamps. It is ideal for applications where high energy efficiency is required. The HF-Performer III range has a robust design, meets all relevant international safety and performance standards and is energy-efficient (CELMA EEI A2).

Benefits

- The programmed start enables the lamp to be switched on and off without reducing useful lamp life.
- DC emergency operation in line with IEC/EN 60598-2-22 luminaire norms
- Smart power ensures constant light, irrespective of mains-voltage fluctuations
- Suitable for luminaires in protection class I and, after testing, class II
- The universal connector Wago 251 offers the flexibility for horizontal-manual or push-in robot wiring or vertical ALF-robot wiring.

Features

- 50,000-hour lifetime at maximum case temperature, combined with over 60,000 on/off switches on one lamp
- Programmed, flicker-free, pre-heated start (< 1.0 s) which allows the lamp to be switched on and off without reducing useful lamp life
- Active power factor correction to ensure constant light, irrespective of mains-voltage fluctuations
- The unit is protected against excessive mains voltage and incorrect connections.

Application

- Used with movement-detection control systems like Philips OccuPlus
- Indoor applications, such as office buildings, hospitals, supermarkets, department stores, industrial premises and schools
- Class I outdoor applications, e.g. industrial premises and parking lots

HF-Performer III for TL-D lamps

Versions



Dimensional drawing

A2

Product	D1	C1	A1	A2	B1
HF-P 118/136 TL-D III 220-240V 50/60 Hz	4.2 mm	28.0 mm	280.0 mm	265.0 mm	30.0 mm
HF-P 336 TL-D III 220-240V 50/60Hz IDC	4.2 mm	28.0 mm	280.0 mm	265.0 mm	40.0 mm
HF-P 218/236 TL-D III 220-240V 50/60 Hz	4.2 mm	28.0 mm	280.0 mm	265.0 mm	30.0 mm
HF-P 158 TL-D III 220-240V 50/60Hz IDC	4.2 mm	28.0 mm	280.0 mm	265.0 mm	30.0 mm
HF-P 258 TL-D III 220-240V 50/60Hz IDC	4.2 mm	28.0 mm	280.0 mm	265.0 mm	30.0 mm
HF-P 3/418 TL-D III 220-240V 50/60Hz IDC	4.2 mm	28.0 mm	280.0 mm	265.0 mm	40.0 mm

Approval and Application

Energy Efficiency Index A2 BAT

Operating and Electrical

Input Frequency 50 to 60 Hz

Input Voltage 220 to 240 V

Emergency Operation

Emergency Ballast Lumen Factor (EBLF) (Nom) 100 %

HF-Performer III for TL-D lamps

General Information

Order Code	Full Product Name	Number Of Products On MCB (16A Type B)		Lamp Type
		(Nom)	Lamps	
913713031466	HF-P 3/418 TL-D III 220-240V 50/60Hz IDC	28	3/4 piece/unit	TL-D
913713031566	HF-P 118/136 TL-D III 220-240V 50/60 Hz	28	1 piece/unit	TL-D
913713031666	HF-P 218/236 TL-D III 220-240V 50/60 Hz	28	2 piece/unit	TL-D

Order Code	Full Product Name	Number Of Products On MCB (16A Type B)		Lamp Type
		(Nom)	Lamps	
913713031766	HF-P 336 TL-D III 220-240V 50/60Hz IDC	12	3 piece/unit	TL-D
913713031866	HF-P 158 TL-D III 220-240V 50/60Hz IDC	28	1 piece/unit	TL-D/PL-L
913713031966	HF-P 258 TL-D III 220-240V 50/60Hz IDC	12	2 piece/unit	TL-D/PL-L

Mechanical and Housing

Order Code	Full Product Name	Housing
913713031466	HF-P 3/418 TL-D III 220-240V 50/60Hz IDC	L 280x40x28
913713031566	HF-P 118/136 TL-D III 220-240V 50/60 Hz	L 280x30x28
913713031666	HF-P 218/236 TL-D III 220-240V 50/60 Hz	L 280x30x28

Order Code	Full Product Name	Housing
913713031766	HF-P 336 TL-D III 220-240V 50/60Hz IDC	L 280x40x28
913713031866	HF-P 158 TL-D III 220-240V 50/60Hz IDC	L 280x30x28
913713031966	HF-P 258 TL-D III 220-240V 50/60Hz IDC	L 280x30x28

System characteristics

Order Code	Full Product Name	Lamp Power On PL-L	Lamp Power On TL-D	Rated Ballast-Lamp Power
				Power
913713031466	HF-P 3/418 TL-D III 220-240V 50/60Hz IDC	-	52.5W@3x18W; 67.5W@4x18 W	18 W
913713031566	HF-P 118/136 TL-D III 220-240V 50/60 Hz	30.7 W	31.1/16.6 W	36/18 W
913713031666	HF-P 218/236 TL-D III 220-240V 50/60 Hz	63.3 W	64.4/35.5 W	36/18 W
913713031766	HF-P 336 TL-D III 220-240V 50/60Hz IDC	-	100 W	36 W

Order Code	Full Product Name	Lamp Power On PL-L	Lamp Power On TL-D	Rated Ballast-Lamp Power
				Power
913713031866	HF-P 158 TL-D III 220-240V 50/60Hz IDC	51.5W@55 W	51.9W@58W; 59.6W@70 W	58 W
913713031966	HF-P 258 TL-D III 220-240V 50/60Hz IDC	106.7W@55 W	107.2W@58 W; 110.5W@70 W	58 W

