



# An energy-efficient solution

## HF-Performer III for TL5 lamps

HF-Performer III TL5 is a sustainable, slim and high-frequency electronic ballast for TL5 and TL5 Eco 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 BAT).

### Benefits

- Optimal savings can be achieved using HF-PIII together with TL5 ECO lamps (system solution).
- 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
- Suitable for luminaires in protection class I and, after testing, class II

### 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
- The universal connector Wago 251 offers the flexibility for horizontal-manual or push-in robot wiring or vertical ALF-robot wiring.

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## 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 lot

## Versions



## Dimensional drawing

A2

Product	D1	C1	A1	A2	B1
HF-P 2 14-35 TL5 HE III 220-240V	4.2 mm	22.0 mm	360.0 mm	350.0 mm	30.0 mm
HF-P 1 14-35 TL5 HE III 220-240V	4.2 mm	22.0 mm	360.0 mm	350.0 mm	30.0 mm
HF-P 149 TL5 HO III 220-240V 50/60Hz IDC	4.2 mm	22.0 mm	360.0 mm	350.0 mm	30.0 mm

### Approval and Application

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### Operating and Electrical

Input Frequency 50 to 60 Hz  
Input Voltage 220 to 240 V

### Emergency Operation

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

### General Information

Number Of Products On MCB (16A Type B) (Nom) 28

### Mechanical and Housing

Housing L360x30x22

## HF-Performer III for TL5 lamps

### General Information

Order Code	Full Product Name	Number Of Lamps	Lamp Type	Order Code	Full Product Name	Number Of Lamps	Lamp Type
913713028066	HF-P 149 TL5 HO III 220-240V 50/60Hz IDC	1 piece/unit	TL5 HO	913713031066	HF-P 1 14-35 TL5 HE III 220-240V	1 piece/unit	TL5 HE
				913713031166	HF-P 2 14-35 TL5 HE III 220-240V	2 piece/unit	TL5 HE

### System characteristics

Order Code	Full Product Name	Lamp			Rated
		Power On TL5	Power On TL5 ECO	Power On TL5 HE	Ballast-Lamp Power
913713028066	HF-P 149 TL5 HO III 220-240V 50/60Hz IDC	54.5 W	48.5 W	-	49 W
913713031066	HF-P 1 14-35 TL5 HE III 220-240V	-	-	14.0/36.5 W	14-35 W

Order Code	Full Product Name	Lamp			Rated
		Power On TL5	Power On TL5 ECO	Power On TL5 HE	Ballast-Lamp Power
913713031166	HF-P 2 14-35 TL5 HE III 220-240V	-	-	28.0/70.0 W	14-35 W

