

# 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.

# HF-Performer III for TL5 lamps

## 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



Lamp Driver, eFluo, HF-P 114-35  
TL5 HE III 220-240V

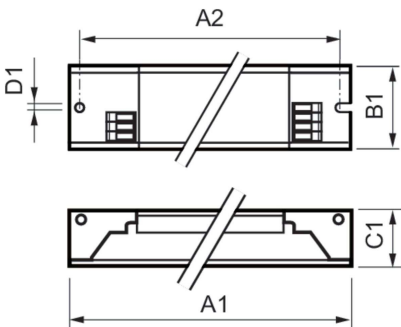


Lamp Driver, eFluo, HF-P 2 14-35  
TL5 HE III 220-240V



Lamp Driver, eFluo, HF-P 154/155  
TL5 HO/PL-L III IDC

## Dimensional drawing



Product	D1	C1	A1	A2	B1
HF-P 114-35 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
HF-P 154/155 TL5 HO/PLL III 220-240V IDC	4.2 mm	22.0 mm	360.0 mm	350.0 mm	30.0 mm
HF-P 180 TL5 III 220-240V 50/60Hz	4.2 mm	21.0 mm	360.0 mm	350.0 mm	30.0 mm
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 2 24/39 TL5 III 220-240V 50/60Hz	4.2 mm	21.0 mm	360.0 mm	350.0 mm	30.0 mm
HF-P 249 TL5 HO III 220-240V 50/60Hz IDC	4.2 mm	22.0 mm	360.0 mm	350.0 mm	30.0 mm
HF-P 254/255 TL5 HO/PLL III 220-240V IDC	4.2 mm	22.0 mm	360.0 mm	350.0 mm	30.0 mm
HF-P 280 TL5/PL-L III 220-240V 50/60Hz	4.2 mm	21.0 mm	425.0 mm	415.0 mm	30.0 mm
HF-P 3/4 14 TL5 III 220-240V 50/60Hz IDC	4.2 mm	21.0 mm	280.0 mm	265.0 mm	39.0 mm

# HF-Performer III for TL5 lamps

Operating and Electrical	
Input frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Approval and Application	
Energy efficiency index	A2 BAT

## Operating and Electrical

Order Code	Full Product Name	Number of products on MCB (16 A type B) (nom.)
90504500	HF-P 1 14-35 TL5 HE III 220-240V	28
90503800	HF-P 2 14-35 TL5 HE III 220-240V	28
86348200	HF-P 154/155 TL5 HO/PL-L III IDC	28
86351200	HF-P 254/255 TL5 HO/PL-L III IDC	12
86319200	HF-P 149 TL5 HO III 220-240V 50/60Hz IDC	28

Order Code	Full Product Name	Number of products on MCB (16 A type B) (nom.)
86347500	HF-P 249 TL5 HO III 220-240V 50/60Hz IDC	12
72125300	HF-P 3/414 TL5 III 220-240V 50/60Hz	28
95226100	HF-P 2 24/39 TL5 HO III 220-240V 50/60Hz	20
95228500	HF-P 180 TL5/PL-L 220-240V 50/60Hz IDC	20
95230800	HF-P 280 TL5/PL-L III 220-240V 50/60Hz	8

## Mechanical and Housing

Order Code	Full Product Name	Housing
90504500	HF-P 1 14-35 TL5 HE III 220-240V	L360x30x22
90503800	HF-P 2 14-35 TL5 HE III 220-240V	L360x30x22
86348200	HF-P 154/155 TL5 HO/PL-L III IDC	L360x30x22
86351200	HF-P 254/255 TL5 HO/PL-L III IDC	L360x30x22
86319200	HF-P 149 TL5 HO III 220-240V 50/60Hz IDC	L360x30x22

Order Code	Full Product Name	Housing
86347500	HF-P 249 TL5 HO III 220-240V 50/60Hz IDC	L360x30x22
72125300	HF-P 3/414 TL5 III 220-240V 50/60Hz	L 280x40x21
95226100	HF-P 2 24/39 TL5 HO III 220-240V 50/60Hz	L 360x30x21
95228500	HF-P 180 TL5/PL-L 220-240V 50/60Hz IDC	L 360x30x21
95230800	HF-P 280 TL5/PL-L III 220-240V 50/60Hz	L 425x30x21

