

# Unsurpassed energy-efficient and long-lasting solution

## HF-Performer III for TL5 lamps

HF-Performer III TL5 ballasts offer maximum versatility and meet all of the necessary commercial grade specifications. They also offer the added benefits of lamp striation reduction technology, making these ballasts compatible with energy-saving TL5 ECO lamps. As such, these ballasts are part of an overall high-efficiency lighting system that may help you or your customers to achieve any international or local energy code you need to comply with. HF-Performer III TL5 ballasts are the ideal choice for a broad range of new construction and retrofit applications within the commercial sector, including general surface mounting or office lighting, parking garages, warehouses, waterproof and other applications. The ballast is primarily designed for indoor use. For outdoor use, the luminaire should be minimum Classland be sufficiently protected against water and dust. The installation should also be protected against lightning surges or any other electrical protection deemed necessary in this type of installation and application.

### Benefits

- Exceptional energy efficiency with striation-reduction technology in lighting systems at lower temperatures
- Maximum reliability in system operation
- Multi-power technology for precise operation of multiple lamp types of various wattages

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## Features

- Highest CELMA Energy Efficiency Index A2 BAT
- Complies with CE, ENEC, EL, VDE-EMC, CCC marks of conformity
- Average nominal service lifetime over 100,000 hours (at Ta 50 °C) with a failure rate ≤ 0.1 % per 1,000 hours)
- Optimized lamp preheating for over 50,000 On/Off switch operations without replacement of lamps

## Application

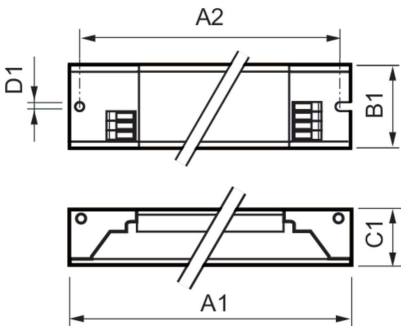
- Suitable for DC operation and emergency lighting installations; full compliance with requirements for emergency lighting according to EN 61347-2-3 -annex J
- Extended lamp life in frequent-switching applications, e.g. where occupancy sensors or motion detectors are used
- For luminaires of protection class I and protection class II used in office buildings, hospitals, supermarkets, department stores, industrial premises and schools

## Versions



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

## Dimensional drawing



Product	D1	C1	A1	A2	B1
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 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

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

# HF-Performer III for TL5 lamps

Order Code	Full Product Name	Number of products on MCB (16 A type B) (nom.)
913713031166	HF-P 2 14-35 TL5 HE III 220-240V	28
913713028066	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.)
913713028166	HF-P 249 TL5 HO III 220-240V 50/60Hz IDC	12
913713034166	HF-P 2 24/39 TL5 III 220-240V 50/60Hz	20

## Mechanical and Housing

Order Code	Full Product Name	Housing
913713031166	HF-P 2 14-35 TL5 HE III 220-240V	L360x30x22
913713028066	HF-P 149 TL5 HO III 220-240V 50/60Hz IDC	L360x30x22

Order Code	Full Product Name	Housing
913713028166	HF-P 249 TL5 HO III 220-240V 50/60Hz IDC	L360x30x22
913713034166	HF-P 2 24/39 TL5 III 220-240V 50/60Hz	L 360x30x21

