

HF-Performer Intelligent for TL5 HE/HO lamps

HF-Performer Intelligent 3/4 14/24 TL5/PL-L EII 220-240V

HF-Performer Intelligent for Master and ECO TL5 HE/HO, TL-D and PL-L lampsHF-Performer Intelligent features automatic recognition of the connected lamp and is independently able to adjust its operation parameters exactly to the respective lamp. This results in a substantial benefit, especially for T5 lamps, as it means TL5 HE and HO lamps of the same length can be interchanged.With a choice of seven ballasts, the customer is able to handle efficiently every possible combination of Master TL5 and Eco, TL-D, and PL-L lamps.

Product data

• General Information

Application Code	EII
Type Version	mk1
Lamp Type	TL5/PL-L
Number Of Lamps	3/4 piece/unit
Number Of Products On MCB (16A Type B) (Nom)	12
Automatic Restart	Yes

• Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Ignition Method	Warm Start
Crestfactor (Max)	1.7
Ignition Time (Max)	5.0 s
Mains Voltage Performance (AC)	-8%-+6%
Mains Voltage Safety (AC)	-10%-+10%
Earth Leakage Current (Max)	0.5 mA
Inrush Current Width	0.4 ms
Constant Wattage Deviation	-2%/+2%
Ballast Factor (Nom)	1.00
Power Losses (Nom)	0.08-9.73 W
Inrush Current Peak (Max)	45 A

• Wiring

Connector Type Input Terminals	Insert
Cable Capacity Output Wires Mutual (Nom)	200 pF
Connector Type Output Terminals	Insert
Cable Length From Device To Lamp	2 m
Cable Length Hot Wiring	0.75 m
Wire Striplength	8.0-9.0 mm
Input Terminal Cross Section	0.50-1.00 mm²
Output Terminal Cross Section	0.50-1.00 mm²
Cable Capacity Output Wires To Earth (Nom)	200 pF

• System characteristics

Rated Ballast-Lamp Power	14/24 W
Power Loss On TL5 HO	6.1/4.6 W
Lamp Power On TL5 HO	91.5/71.3 W
System Power On TL5 HO	97.6/75.9 W
Rated Lamp Power On TL5 HO	24 W
Rated Lamp Power On TL5 HE	14 W
System Power On TL5 HE	64.2/48.8 W
Lamp Power On TL5 HE	57.5/44 W

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Power Loss On TL5 HE	6.7/4.8 W

- Temperature

T-Ambient (Max)	50 °C
T-Ambient (Min)	-25 °C
T-Storage (Max)	80 °C
T-Storage (Min)	-40 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	75 °C
T-Ignition (Max)	50 °C
T-Ignition (Min)	-25 °C

- Mechanical and Housing

Housing	L360x30x22

- Emergency Operation

Battery Voltage Lamp Operation	198-276

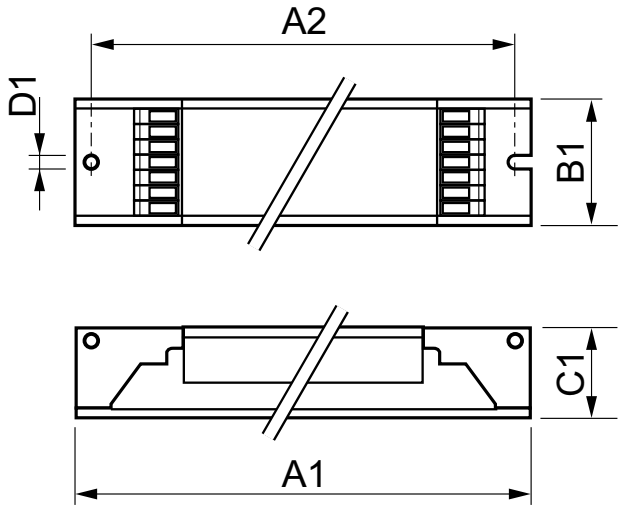
- Approval and Application

Energy Efficiency Index	A2
EMI 9 kHz ... 30 MHz	EN55015
EMI 30 MHz ... 1000 MHz	EN 55022 Class B
Safety Standard	IEC 61347-2-3
Performance Standard	IEC 60929
Quality Standard	ISO 9000:2000
Environmental Standard	ISO 14001
Harmonic Current Emission Standard	IEC 61000-3-2
EMC Immunity Standard	IEC 61547
Vibration Standard	IEC 68-2-6 Fc
Bumps Standard	IEC 68-2-29 Eb
Humidity Standard	EN 61347-2-3 clause 11
Approval Marks	CE marking ENEC certificate VDE-EMV certificate
Temperature Marking	Yes
Emergency Standard	IEC 60598-2-22
Hum And Noise Level	Inaudible

- Product Data

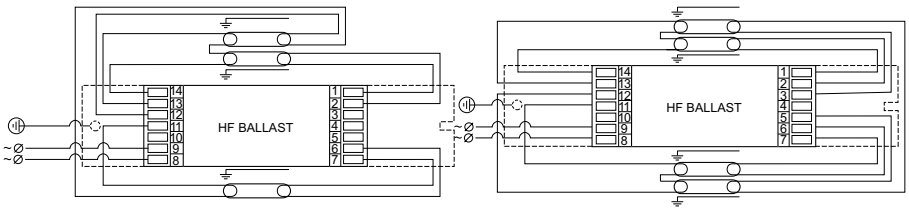
Full product code	872790088775400
Order product name	HF-Performer Intelligent 3/4 14/24 TL5/PL-L EII 220-240V
EAN/UPC - Product	8711500881960
Order code	913700657666
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913700657666
Net Weight (Piece)	0.285 kg

Dimensional drawing



HF-Pi 3/4 14/24 TL5/PL-L EII 220-240V

Product	D1	C1	A1	A2	B1
HF-Performer Intelligent 3/4 14/24 TL5/PL-L EII 220-240V	4.2 mm	22 mm	360 mm	350 mm	30 mm





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