



HF-Performer Intelligent for TL5 HE/HO lamps

HF-Pi 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 lamps HF-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 (16 A 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
Crest factor (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
Efficiency at full load [%]	93.30000000000001 %

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

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Cable length hot-wiring	0.75 m
Wire strip length	8.0-9.0 mm
Input terminal cross section	0.50-1.00 mm ²
Output terminal cross section	0.50-1.00 mm ²
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
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
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Emergency Operation

Nominal light output after 60 seconds	100% of EBLF
Battery voltage lamp operation	198-276
Emergency ballast lumen factor (EBLF) (nom.)	100 %

Dimensional drawing

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Nominal light output after 5 seconds	50% of EBLF
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Approval and Application

Energy efficiency index	A2 BAT
EMI 9 kHz ... 30 MHz	EN55015
EMI 30 MHz ... 1,000 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	IEC68-2-6 F c
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
Humming and noise level	Inaudible

Product Data

Full product code	872790088775400
Order product name	HF-Pi 3/4 14/24 TL5/PL-L EII 220-240V
EAN/UPC – product	8711500881960
Order code	88775400
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	913700657666
SAP net weight (piece)	0.285 kg

Product	D1	C1	A1	A2	B1
HF-Pi 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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