



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 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 Characteristics

Application code	EII
Rated Lamptype	TL5/PL-L
Rated Number of Lamps	3/4 piece
Rated Ballast-Lamp Power	14/24
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 360x30x22
Energy Efficiency Index	A2
Lifetime 90% surv.@Tcaselife	50000 hr
Ignition Method	Warm Start

• Operating Characteristics

Automatic restart	Yes
Ignition time	5.0 (max) s
Mains voltage safety (AC)	-10%/+10%
Mains voltage performance (AC)	-8%/+6%
Inrush current Peak	45 (max) A
Inrush current Width	0.4 ms
Earth leakage current	0.5 (max) mA
Power losses gear	0.08-9.73 W
Constant wattage deviation	-2%/+2%
Ballast Lumen Factor	1.00 -
Battery voltage running lamps	198-276
Max ballast on MCB(16A type B)	12 x
Crestfactor	1.7 (max) -
Hum and Noise level	Inaudible

• Wiring Characteristics

Cable-Cap output-wires to earth	200 pF
Cable-Cap output-wires mutual	200 pF
Conn.type input terminals	Insert
Conn.type output terminals	Insert
Max. cable length Device/Lamp	2 m
Max. cable length Hot Wires	0.75 m
Striplength	8.0-9.0 mm
Wcs Input terminals	0.50-1.00 mm ²
Wcs Output terminals	0.50-1.00 mm ²

• System Chars on driver level

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



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Power Loss on TL5 HE 6.7/4.8

• Temperature Characteristics

T-case life 75 C
 T-case maximum 75 (max) C
 T-ignition -25 (min), 50 (max) C
 T-ambient -25 (min), 50 (max) C
 T-storage -40 (min), 80 (max) C

• Product Dimensions

Length A1 360 mm
 Fixing Hole Distance 350 mm
 Length A2
 Width B1 30 mm
 Height C1 22 mm
 Fixing Hole Diameter D1 4.2 mm

• Approval & Application Chars

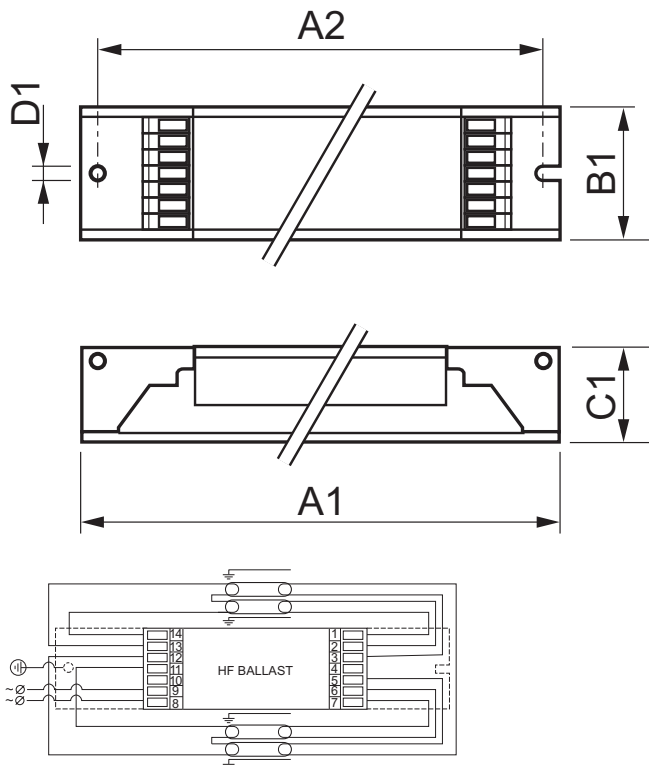
EMI 9kHz .. 30 MHz EN 55015
 EMI 30 MHz .. 1000MHz EN 55022 Class B
 Safety Standard IEC 61347-2-3
 Performance Standard IEC 60929
 Quality Standard ISO 9000:2000
 Environmental Standard ISO 14001

Harmonic current emissions IEC 61000-3-2
 EMC Immunity IEC 61547
 Vibrations IEC 68-2-6 Fc
 Bumps IEC 68-2-29 Eb
 Humidity EN 61347-2-3 clause 11
 Approval marks ENEC / VDE-EMV
 CE marking Yes
 Temperature marking 110 [Yes]
 Emergency standard IEC 60598-2-22

• Product Data

Order code 913700657666
 Full product code 913700657666
 Full product name HF-Pi 3/4 14/24 TL5/PL-L EII 220-240V
 Order product name HF-Pi 3/4 14/24 TL5/PL-L EII 220-240V
 Pieces per pack 1
 Packing configuration 12
 Packs per outerbox 12
 Bar code on pack - EAN1 8711500881960
 Bar code on outerbox - EAN3 8727900887754
 Logistic code(s) - 12NC 913700657666
 Net weight per piece 0.285 kg

Dimensional drawing



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

Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-Pi 3/4 14/24 TL5/PL-L EII 220-240V	360	350	30	22	4.2



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data subject to change