



HF-Performer Intelligent for TL5 HE/HO lamps

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

HF-Performer Intelligent is a slim and lightweight high-frequency electronic ballast which makes it possible to exchange TL5 HE and HO lamps of the same length in order to maximize logistical flexibility in luminaire design and handling. With its smart power functionality based on Philips EII technology, HF-Performer Intelligent is optimized for maximum system efficiency (CELMA EEI A2 BAT) in combination with the TL5 and TL5 Eco lamp.

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

• 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



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• Approval & Application Chars

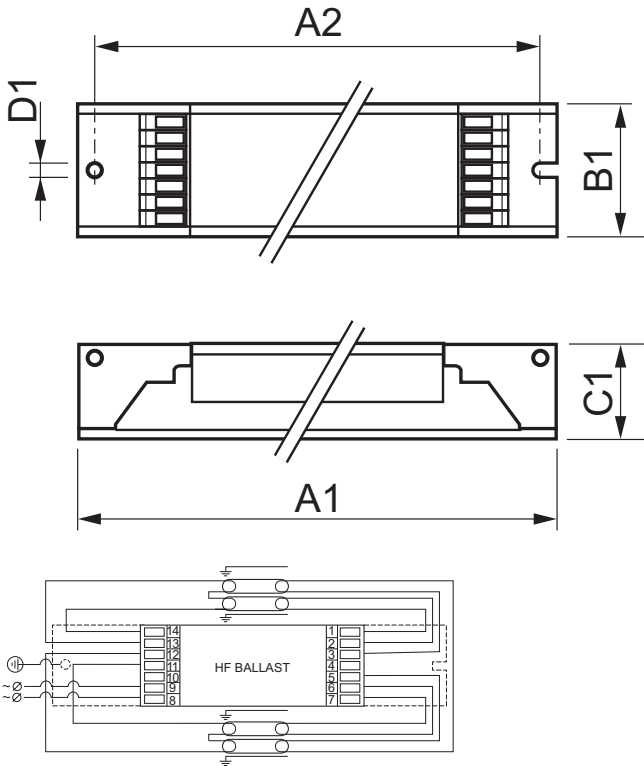
EMI 9kHz .. 30 MHz	EN 55015
EMI 30 MHz .. 1000MHz	EN 55022 Class B
Safety Standard	IEC 61347-2-3
Performance Standard	IEC 60929
Quality Standard	ISO 9000:2000
Environmental Standard	ISO 14001
Harmonic current emissions	IEC 61000-3-2
EMC Immunity	IEC 61547
Vibrations	IEC 68-2-6 Fc
Bumps	IEC 68-2-29 Eb
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



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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