



# HF-Performer Intelligent for TL5 HE/HO lamps

HF-Performer Intelligent 1 28/35/49/80 TL5 EII 220-240V

Intelligent, flat, slim, high frequency electronic ballast for TL5  
fluorescent lamps

## Product data

### • General Characteristics

Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	28/35/49/80
Rated Lamptype	TL5
Application code	EII
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 360x30x22
Ignition Method	Warm Start
Lifetime 90% surv.@Tcaselife	50000 hr
Energy Efficiency Index	A2

### • Operating Characteristics

Automatic restart	Yes
Battery voltage running lamps	198-276
Constant wattage deviation	-2%/+2%
Inrush current Peak	31 (max) A
Inrush current Width	0.35 ms
Max ballast on MCB(16A type B)	12 x
Earth leakage current	0.5 (max) mA
Mains voltage safety (AC)	-10%/+10%
Mains voltage performance (AC)	-8%/+6%
Power losses gear	2.8-5.3 W
Crestfactor	1.7 (max) -
Ignition time	5.0 (max) s
Hum and Noise level	Inaudible

### • Wiring Characteristics

Cable-Cap output-wires to earth	150 pF
Cable-Cap output-wires mutual	150 pF
Conn.type input terminals	Insert
Conn.type output terminals	Insert
Max. cable length	0.75 m
Hot Wires	
Striplength	8.0-9.0 mm
Wcs Input terminals	0.50-1.00 mm <sup>2</sup>
Wcs Output terminals	0.50-1.00 mm <sup>2</sup>

### • 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

### • 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



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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 Dimensions

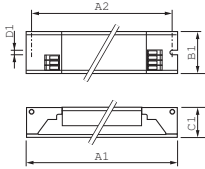
Length A1	360 mm
Fixing Hole Distance	350 mm
Length A2	
Width B1	30 mm
Height C1	22 mm

Fixing Hole Diameter D1 4.2 mm

## • Product Data

Order code	913700652566
Full product code	913700652566
Full product name	HF-Pi 1 28/35/49/80 TL5 EII
Order product name	HF-Pi 1 28/35/49/80 TL5 EII
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500881182
Bar code on outerbox - EAN3	8727900862492
Logistic code(s) - 12NC	913700652566
Net weight per piece	0.247 kg

## Dimensional drawing



Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-Pi 1 28/35/49/80 TL5 EII 220-240V	360	350	30	22	4.2



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2011, June 7  
data subject to change