HF-Performer Intelligent for TL5 HE/HO lamps

HF-Performer Intelligent 1 14/21/24/39 TL5 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 Characteristics

Application code	EII
Rated Lamptype	TL5
Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	14-39
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	20 (max) A
Inrush current Width	0.35 ms
Earth leakage current	0.5 (max) mA
Power losses gear	1.9-2.5 W
Constant wattage deviation	-2%/+2%
Ballast Lumen Factor	1.00 -
Battery voltage running lamps	198-276
Max ballast on MCB(16A type B)	18 x
Crestfactor	1.7 (max) -
Hum and Noise level	Inaudible

• Wiring Characteristics

Cable-Cap output-wires to earth	70 pF
Cable-Cap output-wires mutual	70 pF
Conn.type input terminals	Insert
Conn.type output terminals	Insert
Max. cable length Hot Wires	0.75 m
Striplength	8.0-9.0 mm
Wcs Input terminals	0.50-1.00 mm2
Wcs Output terminals	0.50-1.00 mm2

• System Chars on driver level

Power Loss on TL5 HO	2.2/2.4
Lamp Power on TL5 HO	24.3/37.5
System Power on TL5 HO	26.5/39.9
Rated Lamp Power on TL5 HO	24/39
Rated Lamp Power on TL5 HE	14/21
System Power on TL5 HE	16.6/23.6
Lamp Power on TL5 HE	14.7/21.2
Power Loss on TL5 HE	1.9/2.4

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- 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 Length A2	350 mm
Width B1	30 mm
Height C1	22 mm
Fixing Hole Diameter D1	4.2 mm

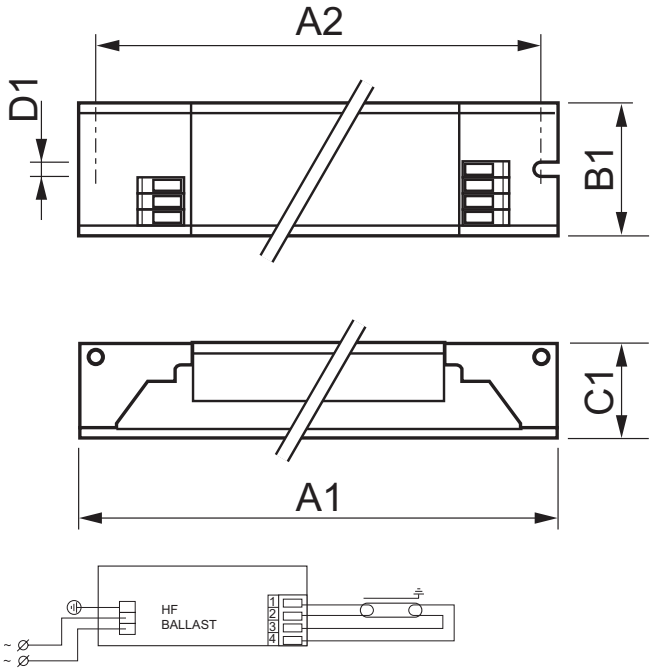
- Approval & Application Chars

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	913700624066
Full product code	913700624066
Full product name	HF-Pi 1 14/21/24/39 TL5 EII 220-240V
Order product name	HF-Pi 1 14/21/24/39 TL5 EII 220-240V
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500914941
Bar code on outerbox - EAN3	8711500914958
Logistic code(s) - 12NC	913700624066
Net weight per piece	0.247 kg

Dimensional drawing



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Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-Pi 1 14/21/24/39 TL5 EII 220-240V	360	350	30	22	4.2

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Photometric data

Ballast type	Lamp type	Lamp power		Ta = 40°C	Ta = 50°C	Ta = 60°C	Remarks Ta max = 67°C
HF-Pi I 14/21/25/39 TL5 EII 220-240V	TL5 HE	14W	Tc Lifetime	=48°C 100,000 Hrs	=58°C 100,000 Hrs	=68°C 100,000 Hrs	75°C 100,000 Hrs
	TL5 HE	21W					
	TL5 HO	24W					
	TL5 HO	39W					
	TL5 HE ECO	13W					
	TL5 HE ECO	19W					
	TL5 HO ECO	20W					
	TL5 HO ECO	34W					
	TL-D General	18W					
	TL-D General	36W					
	PL-L	18W					
	PL-L	24W					
	PL-L	36W					
	PL-L	40W					
	TL5-C	22W					
	TL5-C	40W					

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data subject to change