

HF-Performer II Xtreme for TL5/TL-D lamps

HF-P Xt 254 TL5 EII 220-240V 50/60Hz

HF-Performer Xtreme is a unique X-technology from Philips that guarantees the highest lifetime reliability for lamps and enables an extra-long and reliable HF system life with an energy efficiency index (CELMA EEI) of A2.

Benefits

• General Information

Type version	mk1
Lamp type	TL5
Number of lamps	2 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	50-60 Hz
Operating frequency (min.)	42 kHz
Ignition method	Warm Start
Crest factor (max.)	1.7
Power factor 100% load (nom.)	0.96
Ignition time (max.)	2.0 s
Mains voltage performance (AC)	-8%-+6%
Mains voltage safety (AC)	-10%-+10%
Earth leakage current (nom.)	0.5 mA
Inrush current width	0.310 ms
Constant wattage deviation	-2%/+2%
Ballast factor (nom.)	1.00
Power losses (nom.)	9.5 W
Inrush current peak (max.)	33 A

• Wiring

Connector type input terminals	WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring]
Cable capacity output wires mutual (nom.)	200 pF
Connector type output terminals	WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring]
Wire strip length	8.0-9.0 mm
Input terminal cross section	0.50-1.00 mm²
Output terminal cross section	0.50-1.00 mm²
Auto Insert (ALF/ ADS) Wire Cross Section	0.5 mm²
Cable capacity output wires to earth (nom.)	200 pF

• System characteristics

Rated lamp power on TL5	54 W
System power on TL5	63.5 W
Lamp power on TL5	54 W
Power loss on TL5	9.5 W

• Temperature

T ambient (max.)	60 °C
T ambient (min.)	-25 °C
T storage (max.)	80 °C
T storage (min.)	-25 °C
T case lifetime (nom.)	75 °C

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T-Case maximum (max.)	75 °C
T-Ignition (max.)	60 °C
T-Ignition (min.)	-25 °C

- Mechanical and Housing

Housing	L 360x30x28

- Emergency Operation

Battery voltage lamp ignition	198 V

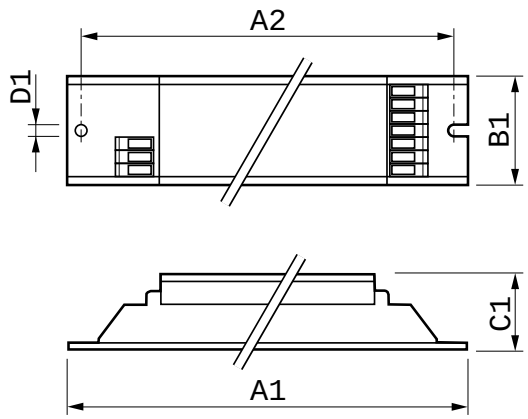
- Approval and Application

Energy efficiency index	A2
EMI 9 kHz... 30 MHz	EN55015
EMI 30 MHz... 1,000 MHz	Level = Class
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	IEC 68-2-6 Fc
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
Humming and noise level	Inaudible

- Product Data

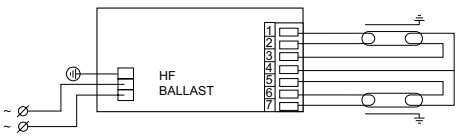
Full product code	871150091431630
Order product name	HF-P Xt 254 TL5 EII 220-240V 50/60Hz
EAN/UPC – product	8711500914316
Order code	913700630066
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	913700630066
Net weight (piece)	0.360 kg

Dimensional drawing



HF-P Xt 254 TL5 EII 220-240V 50/60Hz

Product	D1	C1	A1	A2	B1
HF-P Xt 254 TL5 EII 220-240V 50/60Hz	4.2 mm	28.0 mm	360.0 mm	350.0 mm	30.0 mm



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