

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

HF-Performer Xtreme 149 TL5 EII 220-240V 50/60Hz

Sustainable, long life, robust, high frequency electronic ballast for TL5 and TL-D fluorescent lamps



Product data

• General Characteristics

Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	49
Rated Lamptype	TL5
Application code	EII
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 360x30x28
Ignition Method	Warm Start
Lifetime 90% surv.@Tcaselife	100000 hr
Energy Efficiency Index	A2

• Operating Characteristics

Automatic restart	Yes
Battery voltage running lamps	176-254
Battery voltage lamp ignition	198 V
Constant wattage deviation	-2%/+2%
Inrush current Peak	20 (max) A
Inrush current Width	0.250 ms
Max ballast on MCB(16A type B)	28 x
Earth leakage current	0.5 mA
Mains voltage safety (AC)	-10%/+10%
Mains voltage performance (AC)	-8%/+6%
PowerFactor 100% output power	0.96 -
Power losses rear	6.0 W

Ballast Lumen Factor	1.08 -
Crestfactor	1.7 (max) -
Ignition time	2.0 (max) s
Total Harmonic Distortion EUR	10 %
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	WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring]
Conn.type output terminals	WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring]
Striplength	8.0-9.0 mm
Wcs Input terminals	0.50-1.00 mm ²
Wcs Output terminals	0.50-1.00 mm ²
Wcs auto insertion (ALF/ADS)	0.5 mm ²

• Temperature Characteristics

T-case life	75 C
T-case maximum	75 (max) C
T-ignition	-25 (min), 60 (max) C
T-ambient	-25 (min), 60 (max) C
T-storage	-25 (min), 80 (max) C

• Approval & Application Chars

EMI 9kHz .. 30 MHz	EN 55015
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EMI 30 MHz .. 1000MHz	EN 55022 level B [Level = Class]
Safety Standard Performance Standard	IEC 61347-2-3 IEC 60929
Quality Standard Environmental Standard	ISO 9000:2000 ISO 14001
Harmonic current emissions	IEC 61000-3-2
EMC Immunity Vibrations Bumps	IEC 61547 IEC 68-2-6 Fc IEC 68-2-29 Eb
Humidity	EN 61347-2-3 clause 11
Approval marks CE marking	ENEC / VDE-EMV Yes
Temperature marking	110 [Yes]
Emergency standard	IEC 60598-2-22

• Product Dimensions

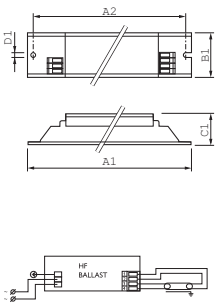
Length A1	360.0 mm
Fixing Hole Distance	350.0 mm
Length A2	

Width B1	30.0 mm
Height C1	28.0 mm
Fixing Hole Diameter D1	4.2 mm

• Product Data

Order code	913700629766
Full product code	913700629766
Full product name	HF-P Xt 149 TL5 EII 220-240V 50/60Hz
Order product name	HF-P Xt 149 TL5 EII 220-240V 50/60Hz
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500914231
Bar code on outerbox - EAN3	8711500914248
Logistic code(s) - 12NC	913700629766
Net weight per piece	0.350 kg

Dimensional drawing



Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-P Xt 149 TL5 EII 220-240V 50/60Hz	360.0	350.0	30.0	28.0	4.2



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data subject to change