



HF-Performer III for TL-D lamps

HF-P 258 TL-D III 220-240V 50/60Hz IDC

HF-Performer III TLD is a sustainable, slim and high-frequency electronic ballast for TL-D fluorescent lamps. It is ideal for applications where high energy efficiency is required. The HF-Performer III range has a robust design, meets all relevant international safety and performance standards and is energy-efficient (CELMA EEI A2).

Product data

• General Characteristics

Rated Number of Lamps	2 piece
Rated Ballast-Lamp Power	58
Rated Lamptype	TL-D
Application code	III
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 280x30x28
Ignition Method	Programmed Start
Lifetime 90% surv.@Tcaselife	50000 hr
Energy Efficiency Index	A2 BAT

• Operating Characteristics

Automatic restart	Yes
Battery voltage running lamps	186-275
Battery voltage lamp ignition	186-275 V
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 mA
Mains voltage safety (AC)	-10%/+10%
Mains voltage performance (AC)	-8%/+6%
Overvoltage protection 320Vac	48 hr

Overvoltage protection 350Vac	2 hr
PowerFactor 100% output power	0.98 -
Power losses gear	7.5 W
Ballast Lumen Factor	1.02 -
Crestfactor	1.7 (max) -
Ignition time	0.9 (max) s
Operating frequency	45 kHz
Hum and Noise level	< 30 dB(A)

• 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]
Max. cable length	0.75 m
Hot Wires	
Striplength	8.0-9.0 mm
Dual fixture Master/Slave	Not applicable [Master/Slave oper. not applicable]
Wcs Input terminals	0.50-1.00 mm ²
Wcs Output terminals	0.50-1.00 mm ²

• Temperature Characteristics

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

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T-ambient	-25 (min), 60 (max) C
T-storage	-40 (min), 50 (max) C

• Product Dimensions

Length A1	280.0 mm
Fixing Hole Distance	265.0 mm
Length A2	
Width B1	30.0 mm
Height C1	28.0 mm
Fixing Hole Diameter	4.2 mm
D1	

• Approval & Application Chars

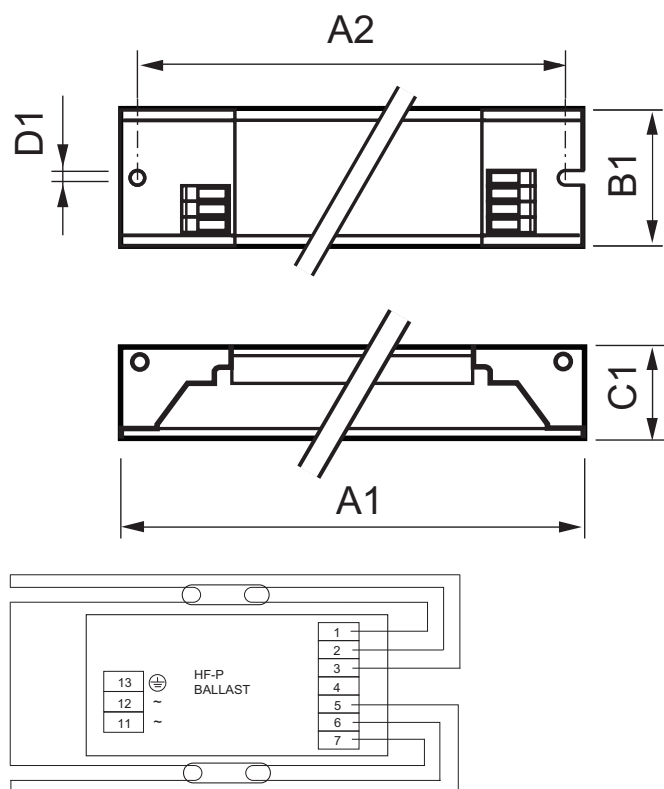
EMI 9kHz .. 30 MHz	EN 55015
EMI 30 MHz .. 1000MHz	EN 55022 level B [Level = Class]
Safety Standard	IEC 61347-2-3
Performance Standard	IEC 60929
Quality Standard	ISO 9000:2000
Environmental Standard	ISO 14001
Harmonic current emissions	IEC 61000-3-2
EMC Immunity	IEC 61547

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	911725 00
Full product code	872790091172500
Full product name	HF-P 258 TL-D III 220-240V 50/60Hz IDC
Order product name	HF-P 258 TL-D III 220-240V 50/60Hz IDC
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500999726
Bar code on outerbox - EAN3	8727900911725
Logistic code(s) - 12NC	913713031966
Net weight per piece	0.231 kg

Dimensional drawing



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Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-P 258 TL-D III 220-240V 50/60Hz IDC	280.0	265.0	30.0	28.0	4.2

Photometric data

Ballast type	Lamp type	Lamp power	T _a = -40°C	T _a = -55°C	T _a = -65°C	T _a = -77°C	T _a = -70°C
HF-P 258 TL-D III 220-240V 50/60Hz	TL-D General	58W	Lifetime	100,000 Hrs	70,000 Hrs	60,000 Hrs	X

HF-P 258 TL-D III



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data subject to change