



HF-Performer III for TL-D lamps

HF-P 236 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).

Catalog de date

• caracteristici generale

Rated Number of Lamps	2 piece
Rated Ballast-Lamp Power	36
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

• caracteristici de operare

Automatic restart	Yes
Battery voltage running lamps	186-275
Battery voltage lamp ignition	186-275 V
Constant wattage deviation	-2%/+2%
Inrush current Peak	18 (max) A
Inrush current Width	0.25 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%
Overvoltage protection 320Vac	48 hr

Overvoltage protection 350Vac	2 hr
PowerFactor 100% output power	0.99 -
Power losses gear	6 W
Ballast Lumen Factor	1 -
Crestfactor	1.7 (max) -
Ignition time	1.5 (max) s
Operating frequency	45 kHz
Total Harmonic Distortion EUR	10 %
Hum and Noise level	< 30 dB(A)

• caracteristici cablaj

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

• caracteristici de temperatura

T-case life	75 C
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sense and simplicity

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T-case maximum	75 (max) C
T-ignition	-25 (min), 50 (max) C
T-ambient	-25 (min), 50 (max) C
T-storage	-40 (min), 50 (max) C

• dimensiuni produs

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	

• Caract. aprobare & aplicare

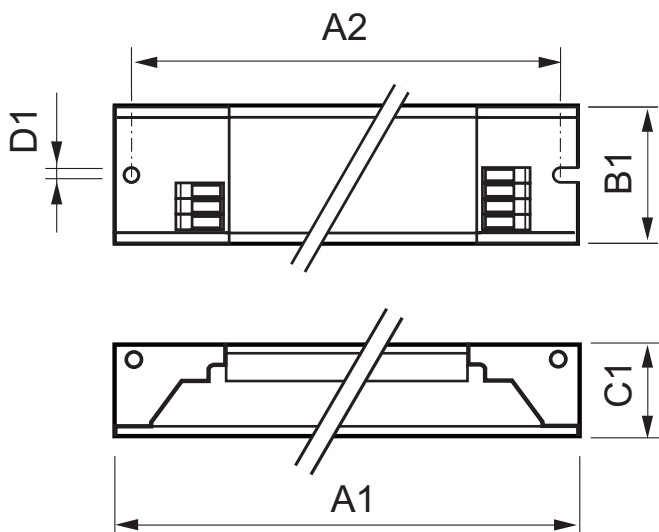
EMI 9kHz .. 30 MHz	EN 55015
EMI 30 MHz .. 1000MHz	EN 55022 level B [Level = Class]
Safety Standard	IEC 61347-2-3
Performance Standard	IEC 60929
Quality Standard	ISO 9000:2000
Environmental Standard	ISO 14001
Harmonic current emissions	IEC 61000-3-2

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

• Informatii produs

Cod comanda	911664 00
Cod produs	872790091166400
Denumire produs	HF-P 236 TL-D III 220-240V 50/60Hz IDC
Produs - Denumire comanda	HF-P 236 TL-D III 220-240V 50/60Hz IDC
Bucati per pachet	1
Configuratie Impachetare	12
Pachete per box	12
Cod de bare per produs (EAN1)	8711500999665
Cod de bare per box (EAN3)	8727900911664
Cod logistic - 12NC	913713031666
Masa neta per bucata	0.203 kg

Cote



Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-P 236 TL-D III 220-240V 50/60Hz IDC	280.0	265.0	30.0	28.0	4.2



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www.philips.com/lighting

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Informație ce poate fi modificată