



HF-Performer III for TL5 lamps

HF-P 1 14-35 TL5 HE III 220-240V 50/60Hz

HF-Performer III TL5 is a sustainable, slim and high-frequency electronic ballast for TL5 and TL5 Eco 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 BAT).

Catalog de date

• caracteristici generale

Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	14-35
Rated Lamptype	TL5 HE
Application code	III
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 360x30x22
Ignition Method	Programmed Start
Lifetime 90% surv.@Tcaselife	50000 hr
Energy Efficiency Index	A2 BAT

• 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	24 (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	0.94 -
Power losses gear	2.0-3.0 W
Ballast Lumen Factor	1 -
Crestfactor	1.7 (max) -
Ignition time	1.2 (max) s
Operating frequency	46 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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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

• dimensiuni produs

Length A1	360.0 mm
Fixing Hole Distance	350.0 mm
Length A2	
Width B1	30.0 mm
Height C1	22.0 mm
Fixing Hole Diameter	4.2 mm
D1	

• Caract. aprobare & aplicare

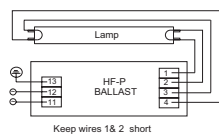
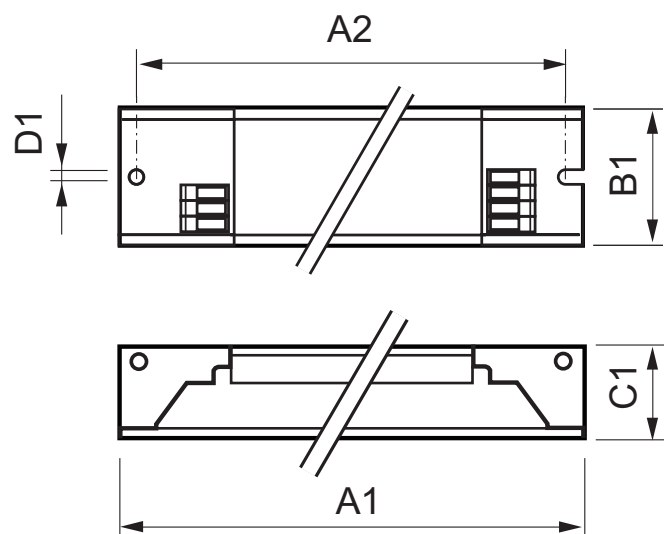
EMI 9kHz ... 30 MHz	EN 55015
EMI 30 MHz ... 1000MHz	- [Not specified]
Safety Standard	IEC 61347-2-3
Performance Standard	IEC 60929
Quality Standard	ISO 9000:2000
Environmental Standard	ISO 14001
Harmonic current emissions	IEC 61000-3-2

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	905045 00
Cod produs	872790090504500
Denumire produs	HF-P 1 14-35 TL5 HE III 220-240V
Produs - Denumire comanda	HF-P 1 14-35 TL5 HE III 220-240V
Bucati per pachet	1
Configuratie Impachetare	12
Pachete per box	12
Cod de bare per produs (EAN1)	8711500999245
Cod de bare per box (EAN3)	8727900905045
Cod logistic - 12NC	913713031066
Masa neta per bucata	0.260 kg

Cote



Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-P 1 14-35 TL5 HE III 220-240V	360.0	350.0	30.0	22.0	4.2

Date fotometrice

Ballast type	Lamp type	Lamp power	Ta = 40 °C	Ta = 50 °C	Ta = 60 °C	Remarks Ta max 55 °C
HF-P 1 14-35 TL5 HE III 220-240V 50/60Hz	TL5 HE	16W	Tc	~48°C	~58°C	~68°C
	TL5 HE	21W				
	TL5 HE	28W				
	TL5 HE	32W				
	TL5 HE ECO	22W	Lifetime	100,000 Hrs	100,000 Hrs	50,000 Hrs
	TL5 HE ECO	13W				
	TL5 HE ECO	15W				
	TL5 HE ECO	32W				

HF-P 1 14-35 TL5 HE III



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Informație ce poate fi modificată