

HF-Basic II for TL-D lamps

HF-Basic 258 TL-D EII 220-240V 50/60Hz



Affordable, reliable, CE complying, high frequency electronic ballast for TLD fluorescent lamps Ideal alternative for electromagnetic (EM) ballasts

Product data

• General Characteristics

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

• Operating Characteristics

Automatic restart	Yes
Ignition time	0.5 (max) s
Operating frequency	42 (min), 45 (nom) kHz
Mains voltage safety (AC)	-10%/+10%
Mains voltage performance (AC)	-8%/+6%
Inrush current Peak	31 (max) A
Inrush current Width	0.35 ms
Earth leakage current	0.5 mA
Power losses gear	6.0 W
Constant wattage deviation	-2%/+2%
Ballast Lumen Factor	0.95 -
PowerFactor 100% output power	0.96 -
Battery voltage lamp ignition	198-254 V

Battery voltage running lamps	176-254
Overvoltage protection 320Vac	48 hr
Overvoltage protection 350Vac	2 hr
Max ballast on MCB(16A type B)	12 x
Crestfactor	1.7 (max) -
Hum and Noise level	Inaudible
Total Harmonic Distortion EUR	15 %

• Wiring Characteristics

Cable-Cap output-wires to earth	120 pF
Cable-Cap output-wires mutual	120 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 Device/Lamp	2.00 m
Max. cable length Hot Wires	0.75 m
Striplength	8.0-9.0 mm
Dual fixture Master/Slave	Yes [Master/Slave operation possible]
Wcs Input terminals	0.50-1.00 mm2
Wcs Output terminals	0.50-1.00 mm2
Wcs auto insertion (ALF/ADS)	0.5 mm2

PHILIPS

HF-Basic II for TL-D lamps

• System Chars on driver level

Rated Lamp Power on TL-D	58
System Power on TL-D	57
Lamp Power on TL-D	50
Power Loss on TL-D	7

• Temperature Characteristics

T-case life	75 C
T-case maximum	75 (max) C
T-ignition	-15 (min), 50 (max) C
T-ambient	-15 (min), 50 (max) C
T-storage	-40 (min), 80 (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 D1	4.2 mm

• Approval & Application Chars

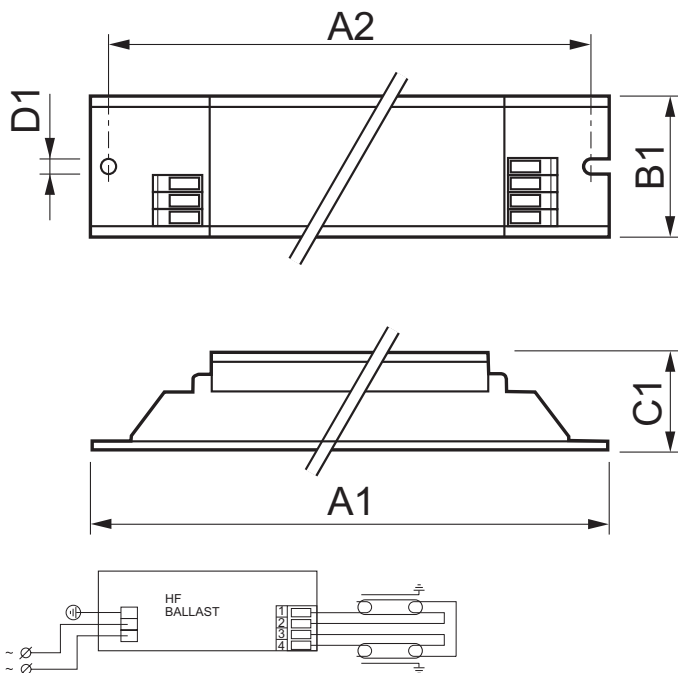
EMI 9kHz .. 30 MHz	EN 55015
EMI 30 MHz .. 1000MHz	EN 55022 level A [Level = Class]

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	913700192966
Full product code	913700192966
Full product name	HF-B 258 TL-D EII 220-240V 50/60Hz
Order product name	HF-B 258 TL-D EII 220-240V 50/60Hz
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500931603
Bar code on outerbox - EAN3	8711500931610
Logistic code(s) - 12NC	913700192966
Net weight per piece	0.240 kg

Dimensional drawing



HF-Basic 258 TL-D EII 220-240V 50/60Hz

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



© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, April 11
data subject to change