PHILIPS Lighting



Product Description

HF-Basic II for TL-D lamps

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

Benefits

- Savings of 25% energy compared to electromagnetic "C-type" ballasts
- Instant start gives "direct" light
- \cdot HF-operation eliminates eye strain as caused by electromagnetic ballasts
- No igniter/capacitor needed, simplified wiring compared to Electromagnetic Solutions
- The HF-B TLD range has a robust design and meets internal safety, EMC and Immunity tests
- Offers the flexibility for simple wiring release possibility
- Including safety approbation via an external test-house covering IEC/EN 61347
- Automatic restart (after voltage dip or lamp exchange) ensures easy operation and hassle free re-lamping

Features

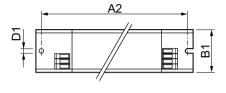
- Energy efficient CELMA EEI = A2
- Complying to CE, VDE-EMC, and ENEC
- 50.000 hour lifetime at 75°C (Tc max) and >4.000 on/off switches on one lamp
- Active power factor correction, smart power
- Instant start, flicker-free start
- High power factor >0.96 with THD <15%
- Required battery voltage for guaranteed ignition 198 254 V
- Required battery voltage for burning lamps 176 254 V
- \cdot Nominal light output is obtained at the DC voltage of 220 240 V
- EMC compliant to EN 55015 2006 + A1 2007
- Universal connector WAGO 251

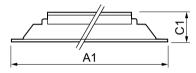
HF-Basic II for TL-D lamps

Application

- Designed for applications where lamps burn for a long period of time and switching cycle (on/off) is infrequent (e.g. maximum 3 times a day)
- · Ideal for installations such as department stores, airports, offices
- Suitable for high risk or explosive areas

Dimensional drawing





Operating and Electrical	
Input Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Mechanical and Housing	
Housing	-
Approval and Application	
Energy Efficiency Index	A2

Operating and Electrical

		Number of Products on	
Order Code	Full Product Name	MCB (16A Type B) (Nom)	0
913700192866	HF-B 136/236 TL-D EII 220-240V	28	91
	50/60Hz		

		Number of Products on
Order Code	Full Product Name	MCB (16A Type B) (Nom)
913700192966	HF-B 158/258 TL-D EII 220-240V	12

D1

C1

A1

4.2 mm 28.0 mm 280.0 mm 265.0 mm 30.0 mm

4.2 mm 28.0 mm 280.0 mm 265.0 mm 30.0 mm

Δ2

B1



Product

50/60Hz

50/60Hz

HF-B 136/236 TL-D EII 220-240V

HF-B 158/258 TL-D EII 220-240V

50/60Hz

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