



# **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
- 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
- $\cdot$  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
- $\cdot$  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
- $\cdot$  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
- 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**

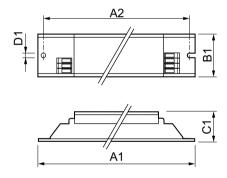
- Designed for applications where lamps burn for a long period of time and switching cycle (on/off) is infrequent (e.g. maximum 3 times a day)
- · Ideal for installations such as department stores, airports, offices
- · Suitable for high risk or explosive areas

### Versions



GPPR\_BTLDE2\_PHL-Product photo

## Dimensional drawing



Product	D1	C1	A1	A2	B1
HF-B 136/236 TL-D EII 220-240V	4.2 mm	28.0 mm	280.0 mm	265.0 mm	30.0 mm
50/60Hz					



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