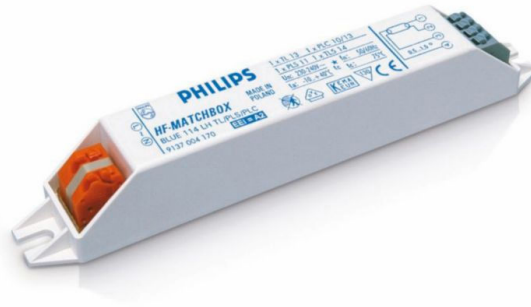


HF-Matchbox Blue

EMTLCFL



Product Description

Compact, lightweight, High Frequency electronic ballast for TL (4-18W), TL5 (14-28W) and compact fluorescent PL (5-24W) lamps

Benefits

- Automatic restart (after voltage dip or lamp exchange) ensures easy operation and hassle-free re-lamping.
- Suitable for use in class I or class II luminaires

Applications

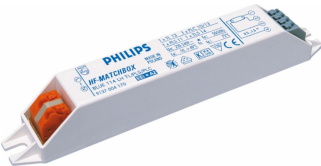
- Designed for areas where the lighting is switched on and off infrequently
- Not suitable for use in combination with movement / presence detection
- Indoor residential use including living rooms, kitchens (under cupboards), studies (desktop), bedrooms, halls, staircases and garages
- Outdoor residential use including driveways, porches, front doors and galleries

- Installations with emergency back-up according to VDE 0108-100 / EN 60598-2-22
- For luminaires with protection Class I and II; Class I metal luminaires with earth connection require special measures for EMC compliance

Features

- Suitable for emergency DC operation between 190 and 254 V
- Programmed, flicker-free, pre-heated start (<0.8 s); over 8,000 on/off switches on one lamp (depending on lamp/ ballast combination)
- Automatic restart (after voltage dip or lamp exchange) ensures easy operation and hassle-free re-lamping.

Versions



GPPR MTL-LH 0001



GPPR MTL-LH 0003

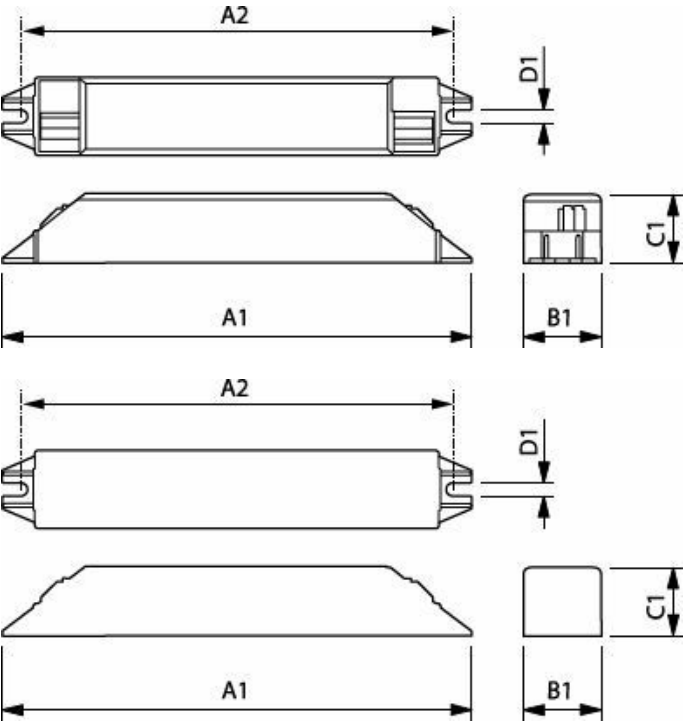


GPPR_MTL-LH_0002-Product photo



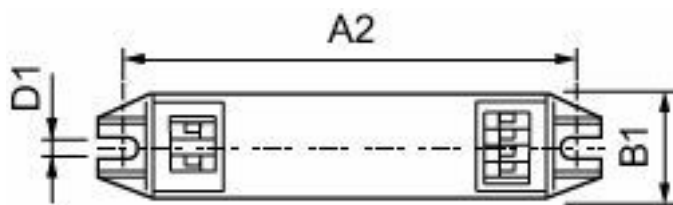
GPPR_MTL-SH_0002-Product photo

Dimensional drawing



Product	A1	A2	B1	C1	D1
HF-M BLUE 121 LH TL5 230-240V	187 mm	180 mm	22 mm	22 mm	4.4 mm
HF-M BLUE 124 LH TL/TL5/PL-L 230-240V	187 mm	180 mm	22 mm	22 mm	4.4 mm

Product	A1	A2	B1	C1	D1
HF-M BLUE 109 LH TL/PL-S 230-240V	144 mm	133 mm	22 mm	22 mm	4.2 mm
HF-M BLUE 114 LH TL/PL-S/PL-C 230-240V	144 mm	133 mm	22 mm	22 mm	4.2 mm



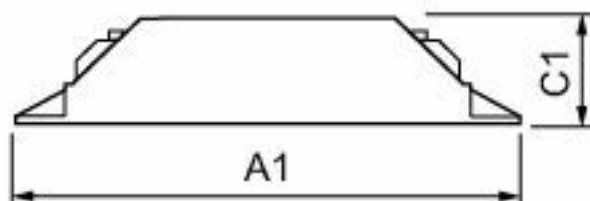
Product

HF-M BLUE 109 LH TL/PL-S 230-240V

HF-M BLUE 114 LH TL/PL-S/PL-C 230-240V

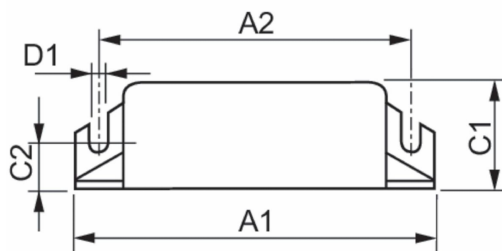
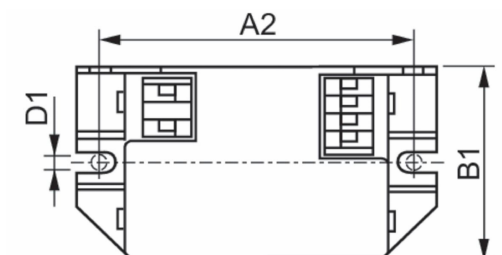
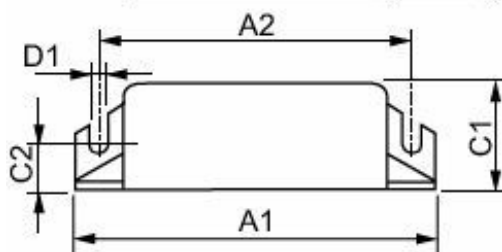
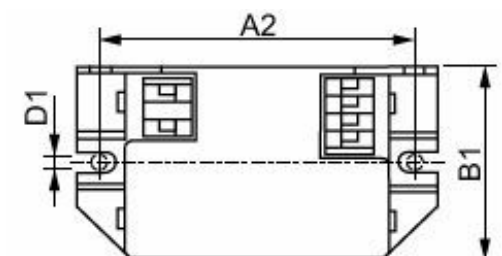
HF-M BLUE 121 LH TL5 230-240V

HF-M BLUE 124 LH TL/TL5/PL-L 230-240V



Product

HF-M BLUE 124 SH TL/TL5/PL-L 230-240V



Product

HF-M BLUE 124 SH TL/TL5/PL-L 230-240V

A1	A2	B1	C1	D1
94 mm	84 mm	40 mm	22 mm	4.4 mm

Operating and Electrical

Input Voltage	230 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz

Operating and Electrical

Order Code	Full Product Name	Number of Products on MCB (16A Type B) (Nom)
53680830	HF-M BLUE 109 LH TL/PL-S 230-240V	159
53682230	HF-M BLUE 114 LH TL/PL-S/PL-C 230-240V	101
53640230	HF-M BLUE 124 LH TL/TL5/PL-L 230-240V	60
53646430	HF-M BLUE 121 LH TL5 230-240V	59
53638930	HF-M BLUE 124 SH TL/TL5/PL-L 230-240V	60

Mechanical and Housing

Order Code	Full Product Name	Housing
53680830	HF-M BLUE 109 LH TL/PL-S 230-240V	LH
53682230	HF-M BLUE 114 LH TL/PL-S/PL-C 230-240V	LH
53640230	HF-M BLUE 124 LH TL/TL5/PL-L 230-240V	LH
53646430	HF-M BLUE 121 LH TL5 230-240V	LH
53638930	HF-M BLUE 124 SH TL/TL5/PL-L 230-240V	SH