PHILIPS

Capacitors for HID lamp circuits

DCAP



Product Description

Compensating capacitors are AC capacitors designed for individual correction of the power factor of transformers and magnetic ballasts in discharge lamps (e.g. fluorescent lamps, halogen and metal halide lamps, high-pressure mercury lamps, sodium lamps) in mains with a frequency of 50 or 60Hz. This allows for an improvement of the luminary's power factor to cosμ>0.85

Benefits

- Up to 250v 50Hz/60Hz -40°C~85°C application

Applications

- With magnetic ballasts for HID fluorescent and halogen lamps in lighting applications (road lighting, urban lighting, industry lighting, retail lighting, etc)
- Capacitor should be restricted to built-in situations where relative humid is limited

Features

- Polypropylene film
- Type A capacitor

Versions

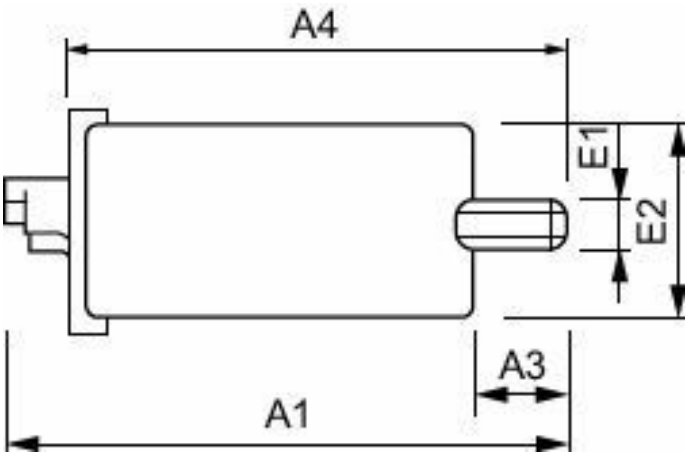


GPPR CALHID

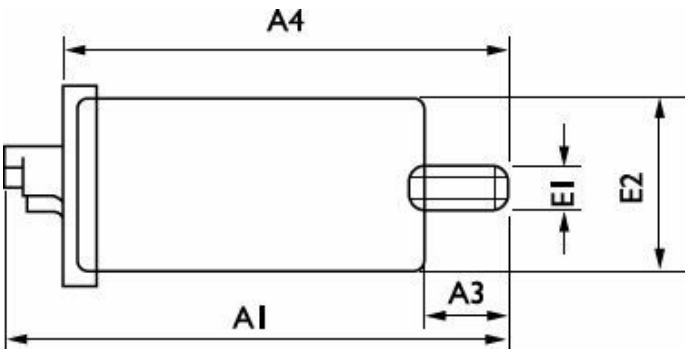


GPPR CASHID

Dimensional drawing



Product	E1	A1	A2	A3
CA 50FT28	8.0 mm	148.0 mm	132.0 mm	10.0 mm



Product	E2	A1	A4
CP 12BO28	29.0 mm	95.0 mm	83.0 mm
CP 18CP28	29.0 mm	120.0 mm	108.0 mm
CP 25BU28	34.0 mm	120.0 mm	108.0 mm
CP 32CT28	38.0 mm	120.0 mm	108.0 mm

Operating and Electrical

Input Voltage	250 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz

Mechanical and Housing

Housing	M8x10

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