Capacitors for HID lamp circuits



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 -0.85

Benefits

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

Features

- Polypropylene film
- Type A capacitor

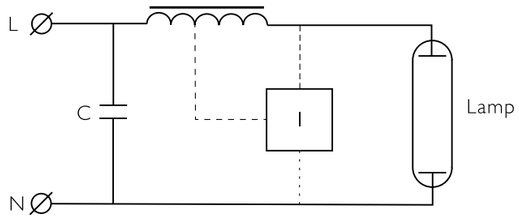
Applications

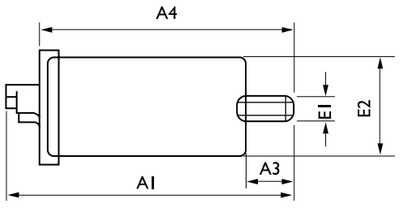
- With magnetic ballasts for HID fluorescent and halogen lamps in lighting applications (road lighting, urban lighting, industry lighting, retail lighting, etc)
- Capacitor should be restricted to built-in situations where relative humidity is limited

Technical data

Full product name	Line Voltage (V)	Line Frequency (Hz)	Capacitor value [µF]	12NC
CP 20CU28	250	50/60	20	913710011590
CP 15BU28	250	50/60	15	913710011690
CP 10BO28	250	50/60	10	913710011790
CP 12BP28	250	50/60	12	913710011990
CP 08BO28	250	50/60	8.0	913710012090
CP 18BU28	250	50/60	18	913710012190
CP 25CU28	250	50/60	25	913710012290
CP 32ET28	250	50/60	32	913710012390
CA 50FV28	250	50/60	50	913710012490
CP 06BN28	250	50/60	6.5	913710012590
CP 04AN28	250	50/60	4.0	913710011890
CP 05AN28	250	50/60	5.0	913710015090
CP 06BN28	250	50/60	6.5	913710012590
CP 30ET28	250	50/60	30	913710015190
CP 36FO28	250	50/60	36	913710016690

Wiring diagram





Dimensions in mm

Product ID	A1	A3	A4	E1	E2
CP 20CU28	120	10.0	108	8.0	34
CP 15BU28	120	10.0	108	8.0	29
CP 10BO28	90	10.0	78	8.0	29
CP 12BP28	95	10.0	83	8.0	29
CP 08BO28	90	10.0	78	8.0	29
CP 18BU28	120	10.0	108	8.0	29
CP 25CU28	120	10.0	108	8.0	34
CP 32ET28	120	10.0	108	8.0	38
CP 06BN28	80	10.0	68	8.0	29
CP 04AN28	80	10.0	68	8.0	25
CP 05AN28	80	10.0	68	8.0	25
CP 06BN28	80	10.0	68	8.0	25
CP 30ET28	120	10.0	108	8.0	38
CP 36FO28	88	10.0	76	8.0	44