PHILIPS

HID-Basic Semi-Parallel ballasts for SON/CDM/MH lamps

DBCSON



Simple, robust magnetic ballast

The HID Basic Semi-Parallel ballast is an impregnated (HID standard) electromagnetic copper/iron ballast for use with an external ignitor for HID lamps.

Benefits

- Limited volume of ballast coil; also lightweight
- Simple installation and cabling

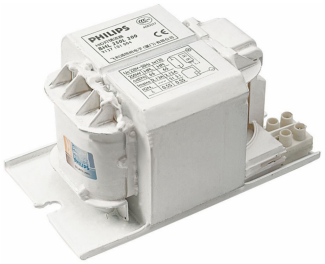
Applications

- For use with SON and HPI (PLUS) lamps in road, public, area and industry lighting
- For use with MHN/CDM lamps in shop, lobby and city beautification applications
- HID-Basic ballasts should be restricted to built-in situations where relative humidity is limited.

Features

- Orthocyclic winding process
- Ballasts equipped with screw terminal blocks as standard
- Earthing-while-mounting facility (HID Standard ballasts)
- Low watt losses

Versions



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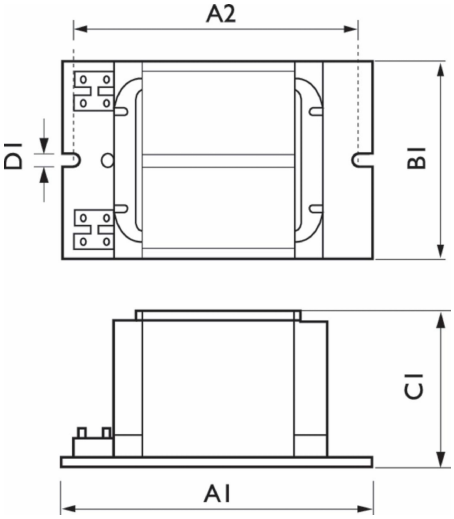
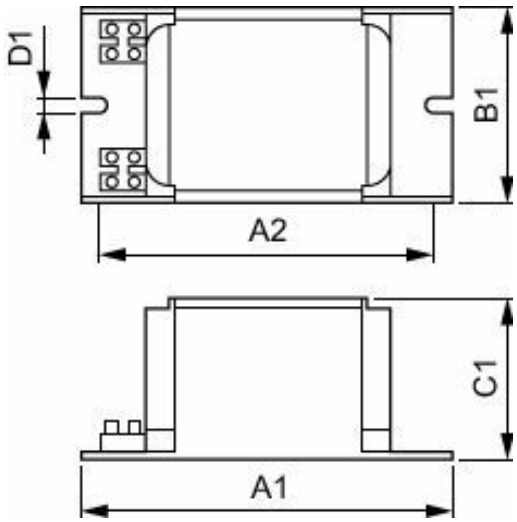
Dimensional drawing



Product	D1	C1	A1	A2	B1
BSN 100L 300I TS	6.2 mm	51.5 mm	122.0 mm	107 mm	57.1 mm
BSN 150L 300I TS	6.2 mm	64.5 mm	125.0 mm	110 mm	75.5 mm
BSN 250L 300I TS	6.2 mm	64.5 mm	150.0 mm	135 mm	75.5 mm
BSN 400L 300I TS	6.2 mm	82 mm	165.0 mm	150 mm	96.5 mm
BSN 70L 300I TS	6.2 mm	51.5 mm	117.0 mm	110 mm	57.1 mm



Product	D1	C1	A1	A2	B1
BSNE 150L 300I TS	6.3 mm	64.5 mm	120.0 mm	99.0 mm	75.0 mm
BSNE 250L 300I TS	6.3 mm	64.5 mm	165.0 mm	144 mm	75.0 mm
BSNE 400L 300I TS	6.3 mm	82 mm	165.0 mm	144 mm	96.0 mm

Operating and Electrical

Input Voltage	220 V
Line Frequency	50 Hz
Input Frequency	50 Hz

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