

# Simple, robust magnetic ballast

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

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

### Features

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

### Application

- 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.

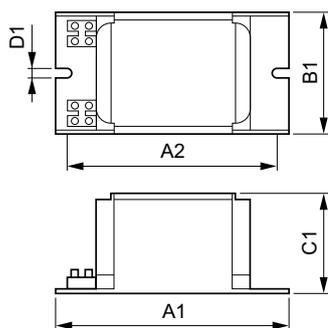
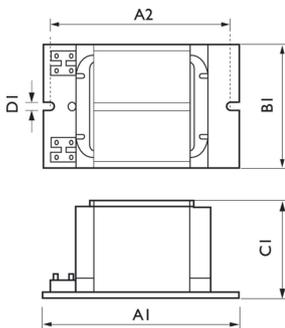
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## Versions



GPPR BCSONE 0001

## Dimensional drawing



| Product          | D1     | C1      | A1       | A2       | B1      |
|------------------|--------|---------|----------|----------|---------|
| BSN 100L 300I    | 6.2 mm | 51.5 mm | 122.0 mm | 107 mm   | 57.1 mm |
| 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 150L 301I    | 6.3 mm | 64.5 mm | 150.0 mm | 104.0 mm | 72.5 mm |
| BSN 250L 300I TS | 6.2 mm | 64.5 mm | 150.0 mm | 135 mm   | 75.5 mm |
| BSN 250L 301I    | 6.3 mm | 64.5 mm | 150.0 mm | 135.0 mm | 72.5 mm |
| BSN 250L 302I    | 6.3 mm | 64.5 mm | 150.0 mm | 129.0 mm | 72.5 mm |
| BSN 400L 300I TS | 6.2 mm | 82 mm   | 165.0 mm | 150 mm   | 96.5 mm |
| BSN 400L 301I    | 6.2 mm | 82 mm   | 165.0 mm | 150 mm   | 96.5 mm |
| BSN 50L 301I     | 6.3 mm | 51.5 mm | 110.0 mm | 89 mm    | 60.0 mm |
| BSN 600L 300I TS | 6.2 mm | 82 mm   | 175 mm   | 160 mm   | 96.5 mm |
| BSN 70L 300I     | 6.2 mm | 51.5 mm | 117.0 mm | 102 mm   | 57.1 mm |
| BSN 70L 300I TS  | 6.2 mm | 51.5 mm | 117.0 mm | 110 mm   | 57.1 mm |
| BSN 70L 301I     | 6.3 mm | 51.5 mm | 110.0 mm | 89 mm    | 60.0 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

| Order Code   | Full Product Name | Input Frequency | Input Voltage | Line Frequency |
|--------------|-------------------|-----------------|---------------|----------------|
| 913710102016 | BSN 150L 301I     | 60 Hz           | 220 V         | 60 Hz          |
| 913710102116 | BSN 250L 301I     | 50 Hz           | 230 V         | 50 Hz          |

| Order Code   | Full Product Name | Input Frequency | Input Voltage | Line Frequency |
|--------------|-------------------|-----------------|---------------|----------------|
| 913710102850 | BSN 250L 302I     | 50 Hz           | 230 V         | 50 Hz          |
| 913710102950 | BSN 400L 301I     | 60 Hz           | 220 V         | 60 Hz          |

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

| Order Code   | Full Product Name | Input Frequency | Input Voltage | Line Frequency |
|--------------|-------------------|-----------------|---------------|----------------|
| 913710103750 | BSN 100L 300I     | 50 Hz           | 220 V         | 50 Hz          |
| 913710104550 | BSN 70L 300I      | 50 Hz           | 220 V         | 50 Hz          |
| 913710105942 | BSN 600L 300I TS  | 50 Hz           | 220 V         | 50 Hz          |
| 913710106842 | BSN 100L 300I TS  | 50 Hz           | 220 V         | 50 Hz          |
| 913710106942 | BSN 70L 300I TS   | 50 Hz           | 220 V         | 50 Hz          |
| 913710109142 | BSN 150L 300I TS  | 50 Hz           | 220 V         | 50 Hz          |
| 913710109342 | BSN 250L 300I TS  | 50 Hz           | 220 V         | 50 Hz          |

| Order Code   | Full Product Name | Input Frequency | Input Voltage | Line Frequency |
|--------------|-------------------|-----------------|---------------|----------------|
| 913710109542 | BSN 400L 300I TS  | 50 Hz           | 220 V         | 50 Hz          |
| 913713206016 | BSN 70L 30II      | 60 Hz           | 220 V         | 60 Hz          |
| 913713206116 | BSN 50L 30II      | 60 Hz           | 220 V         | 60 Hz          |
| 913713019359 | BSNE 150L 300I TS | 50 Hz           | 220 V         | 50 Hz          |
| 913713019459 | BSNE 250L 300I TS | 50 Hz           | 220 V         | 50 Hz          |
| 913713019559 | BSNE 400L 300I TS | 50 Hz           | 220 V         | 50 Hz          |

