



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

## BSN 100L 3001

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

### Product data

| General Information                         |          | Temperature                       |                 |
|---|----------|-----------------------------------|-----------------|
| Application code                            | L300 I   | T-winding (max.)                  | 130 °C          |
|   |          | Delta-T normal conditions         | 70 °C           |
| Operating and Electrical                    |          | Approval and Application          |                 |
| Input Voltage                               | 220 V    | Approval marks                    | CE marking      |
| Input frequency                             | 50 Hz    |                                   |                 |
| Power factor 100% load (min.)               | 0.85     | Product Data                      |                 |
| Mains voltage performance (AC)              | -8%+6%   | Full product code                 | 871016303151430 |
| Mains voltage safety (AC)                   | -10%+10% | Order product name                | BSN 100L 3001   |
| Input current with PF correction            | 0.6 A    | EAN/UPC – product                 | 8710163031514   |
| Input current without PF Correction         | 1.2 A    | Order code                        | 913710103750    |
| Power factor without PF compensation (nom.) | 0.45     | SAP numerator – quantity per pack | 1               |
| Power losses (nom.)                         | 13.9 W   | Numerator – packs per outer box   | 6               |
| Wiring                                      |          | SAP material                      | 913710103750    |
| Connector type                              | Screw    | SAP net weight (piece)            | 1.200 kg        |
| System characteristics                      |          |                                   |                 |
| Rated ballast-lamp power                    | 100 W    |                                   |                 |

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### 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

