



HID-Basic BSN/BMH MK4 semi-parallel for SON/CDO/CDM/MH/ HPI

BSN 100 K302-A2-ITS 230V 50Hz

Impregnated electromagnetic copper ballasts for use with an external semi-parallel ignitor for CDM, CDO, MH, HPI (Plus) and SON lamps

Product data

| General Information | | | | |
|--------------------------------------|--------------|--|--|--|
| Application code | K302-A2-ITS | | | |
| Design | BC1-123 | | | |
| Lamp type | SON/CDO | | | |
| Number of lamps | 1 piece/unit | | | |
| | | | | |
| Operating and Electrical | | | | |
| Input Voltage | 230 V | | | |
| Input frequency | 50 Hz | | | |
| Power factor 100% load (nom.) | 0.85 | | | |
| Mains voltage performance (AC) | -8%-+6% | | | |
| Mains voltage safety (AC) | -10%-+10% | | | |
| Input current with PF correction | 0.6 A | | | |
| Input current without PF Correction | 1.2 A | | | |
| Power factor without PF compensation | 0.4 | | | |
| (nom.) | | | | |
| | <u> </u> | | | |

| Power losses (nom.) | 13.7 W | | | |
|------------------------------------|--|--|--|--|
| | | | | |
| Wiring | | | | |
| Wire strip length | 6.0 mm | | | |
| Ballast contact wire cross section | 2.5 mm² | | | |
| Connector type | Screw | | | |
| | | | | |
| System characteristics | | | | |
| Rated ballast-lamp power | 100 W | | | |
| Recommended ignitor | for SON/CDO/CDM lamps ignitor SKD 578 | | | |
| | (913700655366) or series digital SUD40 | | | |
| | (913700193591) only CDM | | | |
| | | | | |
| Temperature | | | | |
| T storage (max.) | 130 °C | | | |
| T storage (min.) | -30 °C | | | |
| T-winding (max.) | 140 °C | | | |

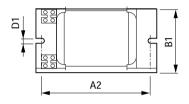
Datasheet, 2021, March 17 data subject to change

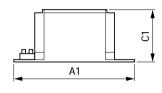
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| Delta-T normal conditions | 60 °C | | | | |
|-------------------------------|-------------------------------|--|--|--|--|
| Detta i normat conditions | | | | | |
| | | | | | |
| Approval and Application | | | | | |
| Active temperature protection | Yes | | | | |
| Approval marks | CE marking ENEC certificate | | | | |
| | | | | | |
| Product Data | | | | | |
| Full product code | 871869674086600 | | | | |
| Order product name | BSN 100 K302-A2-ITS 230V 50Hz | | | | |

| EAN/UPC – product | 8718696740866 | | |
|-----------------------------------|---------------|--|--|
| Order code | 74086600 | | |
| SAP numerator – quantity per pack | 1 | | |
| Numerator – packs per outer box | 6 | | |
| SAP material | 913700752326 | | |
| SAP net weight (piece) | 1.400 kg | | |
| | | | |

Dimensional drawing





| Product | A1 | A2 | B1 | C1 | D1 |
|-------------------------------|--------|-------|-------|-------|--------|
| BSN 100 K302-A2-ITS 230V 50Hz | 123 mm | 98 mm | 61 mm | 52 mm | 6.2 mm |

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