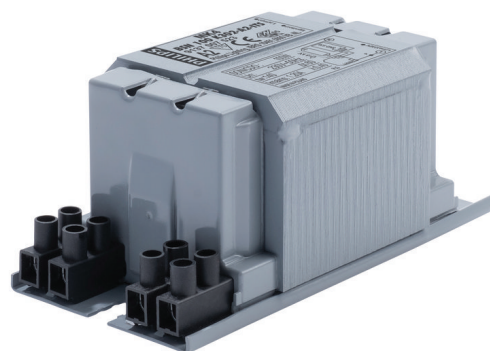


PHILIPS

Lighting



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 (nom.) | 0.4 |

| | |
|---------------------|--------|
| Power losses (nom.) | 13.7 W |
|---------------------|--------|

Wiring

| | |
|------------------------------------|---------------------|
| Wire strip length | 6.0 mm |
| Ballast contact wire cross section | 2.5 mm ² |
| 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 |

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| | |
|---------------------------|-------|
| Delta-T normal conditions | 60 °C |
|---------------------------|-------|

Approval and Application

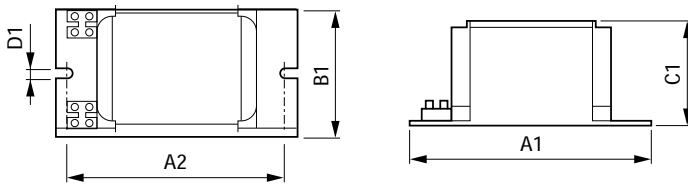
| | |
|-------------------------------|-----------------------------|
| Active temperature protection | Yes |
| Approval marks | CE marking ENEC certificate |

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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