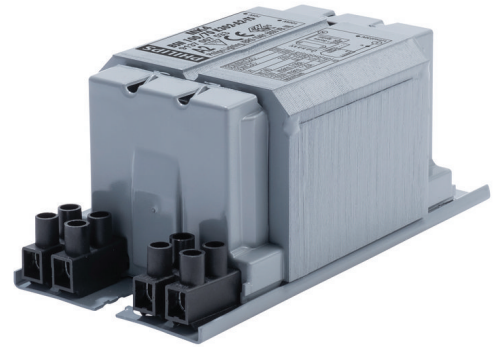


PHILIPS

Lighting



HID-Basic BSN/BMH series multi-wattage for SON/CDO/CDM/MH/HPI

BSN 100/70 K302-A2-TS 230V 50Hz

Impregnated electromagnetic copper/iron double-wattage ballasts for use with an external series (superimposed) ignitor for CDO, MH, HPI (Plus) and SON lamps

Product data

General Information

| | |
|------------------|--------------|
| Application Code | K302-A2-TS |
| 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 | 70W@0.45 A; 100W@0.6 A |
| Input Current without PF Correction | 70W@0.98 A; 100W@1.2 A |
| Power Factor without PF Compensation (Nom) | 0.4 |
| Power Losses (Nom) | 11.5W@70W; 14.7W@100 W |

Wiring

| | |
|------------------|--------|
| Wire Striplength | 6.0 mm |
|------------------|--------|

| | |
|------------------------------------|---------------------|
| Ballast Contact Wire Cross Section | 2.5 mm ² |
| Connector Type | Screw |

System characteristics

| | |
|--------------------------|---|
| Capacitor | 14μF/250V |
| Rated Ballast-Lamp Power | 100/70 W |
| Recommended Ignitor | for SON/CDO lamps series digital SUD10 (913700195891) |

Temperature

| | |
|---------------------------|----------|
| T-Storage (Max) | 130 °C |
| T-Storage (Min) | -30 °C |
| T-Winding (Max) | 140 °C |
| Delta-T Normal Conditions | 55/65 °C |

Approval and Application

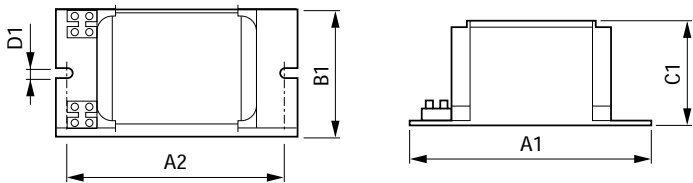
| | |
|-------------------------------|-----------------------------|
| Active Temperature Protection | Yes |
| Approval Marks | CE marking ENEC certificate |

HID-Basic BSN/BMH series multi-wattage for SON/CDO/CDM/MH/HPI

| Product Data | |
|-------------------------------|---------------------------------|
| Full product code | 871869674112200 |
| Order product name | BSN 100/70 K302-A2-TS 230V 50Hz |
| EAN/UPC - Product | 8718696741122 |
| Order code | 913700753326 |
| Numerator - Quantity Per Pack | 1 |

| | |
|---------------------------------|--------------|
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 913700753326 |
| Net Weight (Piece) | 1.390 kg |

Dimensional drawing



| Product | A1 | A2 | B1 | C1 | D1 |
|---------------------------------|--------|-------|-------|-------|--------|
| BSN 100/70 K302-A2-TS 230V 50Hz | 123 mm | 98 mm | 61 mm | 52 mm | 6.2 mm |

BSN 100/70 K302-A2-TS 230V 50Hz

