

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

BSN 400 K407-ITS 230/240V 50Hz BC3-166

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 | K407-ITS |
| Design | BC3-166 |
| Lamp Type | SON/HPI |
| Number Of Lamps | 1 piece/unit |

### • Operating and Electrical

| | |
|---|---|
| Input Voltage | 230 V (default) or 240 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 | 2.20 A |
| Input Current Without PF Correction | 4.45 A |
| Power Factor Without PF Compensation (Nom) | 0.40 |
| Power Losses (Nom) | 33/34.5 W |

### • Wiring

| | |
|---|---|
| Wire Striplength | 7.0 mm |
| Ballast Contact Wire Cross Section | 1.50-4.00 mm² |
| Connector Type | Screw |

### • System characteristics

| | |
|---|---|
| Capacitor | 45µF/250V |
| Rated Ballast-Lamp Power | 400 W |
| Recommended Ignitor | for SON/CDO/CDM lamps ignitor SKD 578 (913700655366) or series digital SUD40 (913700193591) |

### • Temperature

| | |
|---|---|
| T-Storage (Max) | 130 °C |
| T-Storage (Min) | -30 °C |
| T-Winding (Max) | 130 °C |
| Delta-T Normal Conditions | 80 °C |

### • Approval and Application

| | |
|---|---|
| Active Temperature Protection | Yes |

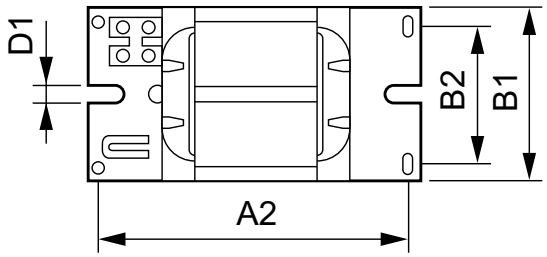
### • Product Data

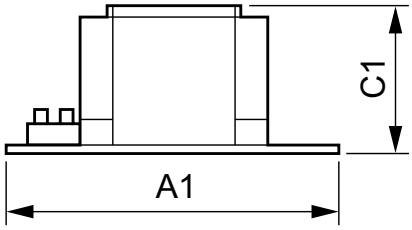
| | |
|---|---|
| Full product code | 872790088704400 |
| Order product name | BSN 400 K407-ITS 230/240V 50Hz BC3-166 |
| EAN/UPC - Product | 8711500881571 |
| Order code | 88704400 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |
| Material Nr. (12NC) | 913700277826 |
| Net Weight (Piece) | 4.950 kg |

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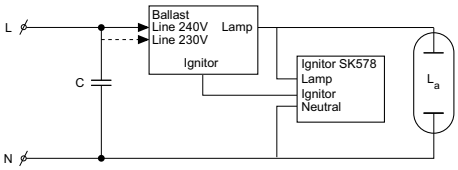
## Dimensional drawing




### BSN 400 K407-ITS 230/240V 50Hz BC3-166

| Product | D1 | C1 | A1 | A2 | B1 | B2 |
|---|---|---|---|---|---|---|
| BSN 400 K407-ITS 230/240V 50Hz BC3-166 | 6.5 mm | 83.0 mm | 166.0 mm | 145.0 mm | 97.0 mm | 78.5 mm |




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data subject to change