PHILIPS Lighting

Long-lasting, reliable solution

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

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

Benefits
- System design: one ignitor SKD578 can trigger all lamps from 35 to 600 W
- Long-lasting reliable solution protected from overheating; better for hot environments than its predecessors; extended warranty
- Minimal watt losses thanks to orthocyclic winding process
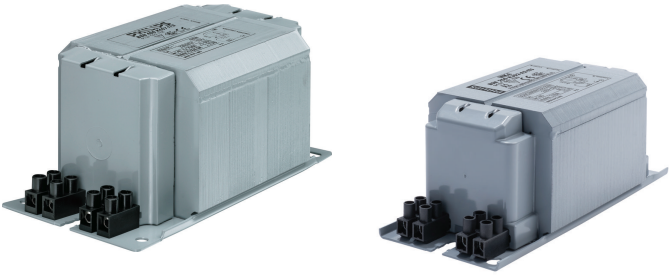
Features
- Improved thermal features – much cooler ballast
- All ballasts are equipped with ThermoSwitch for protection against end-of-lamp-life phenomena
- Ballast can also be used in combination with series (superimposed) ignitor
- Equipped with screw terminal blocks as standard; insert contacts available upon request
- Ballasts for alternative mains voltages/frequencies available upon request

Application
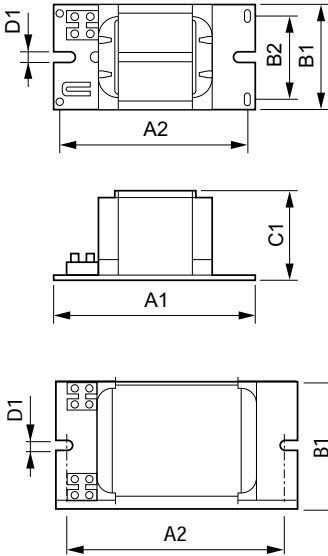- Outdoor lighting
- Horticulture

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Versions

BSN 400 BC3-166

Dimensional drawing

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

Product	A1	A2	B1	C1	D1
BSN 250 K302-A2-ITS 230V 50Hz	160 mm	139 mm	76 mm	65 mm	6.2 mm

Operating and Electrical	
Input Frequency	50 Hz

General Information	
Number Of Lamps	1 piece/unit

Operating and Electrical

Order Code	Full Product Name	Input Voltage
913700277826	BSN 400 K407-A2-ITS 230/240V 50Hz BC3	230 V (default) or 240 V

Order Code	Full Product Name	Input Voltage
913700752926	BSN 250 K302-A2-ITS 230V 50Hz	230 V

General Information

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

Order Code	Full Product Name	Lamp Type
913700277826	BSN 400 K407-A2-ITS 230/240V 50Hz BC3	SON/HPI

Order Code	Full Product Name	Lamp Type
913700752926	BSN 250 K302-A2-ITS 230V 50Hz	SON/MH/CDM/CDO

System characteristics

Order Code	Full Product Name	Rated Ballast-Lamp Power
913700277826	BSN 400 K407-A2-ITS 230/240V 50Hz BC3	400 W

Order Code	Full Product Name	Rated Ballast-Lamp Power
913700752926	BSN 250 K302-A2-ITS 230V 50Hz	250 W

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2020, October 29 - data subject to change