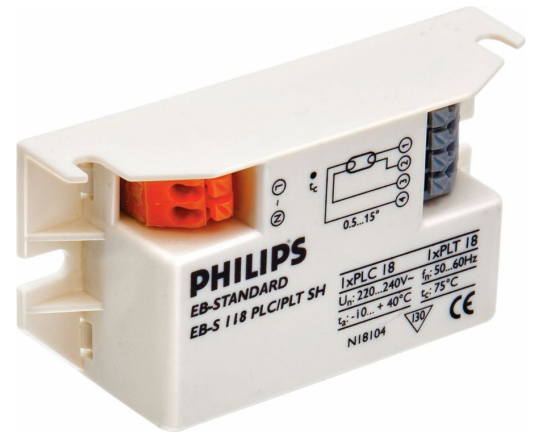


**PHILIPS**

Lighting



# Micropower Electronic ballast for TL/PL-S/-T/-C lamps (India)

## EBS 118 230 SH

Compact, lightweight, high-frequency electronic ballast designed for TL (6-18 W) and compact fluorescent PL (7-24 W) lamps

### Product data

| General Information            |                | Wiring                          |  |
|--------------------------------|----------------|---------------------------------|--|
| Design                         | Square Housing | Connector Type Input Terminals  | WAGO 251 universal connector [ Suitable for both automatic wiring (ALF and ADS) and manual wiring] |
| Lamp Type                      | PL-T/C         | Connector Type Output Terminals | WAGO 251 universal connector [ Suitable for both automatic wiring (ALF and ADS) and manual wiring] |
| Number of Lamps                | 1 piece/unit   | Wire Striplength                | 9.0-10.0 mm  |
| Automatic Restart              | Yes            | Input Terminal Cross Section    | 0.50-1.50 mm <sup>2</sup>  |
| Operating and Electrical       |                | Output Terminal Cross Section   | 0.50-1.50 mm <sup>2</sup>  |
| Input Voltage                  | 220 to 240 V   | System characteristics          |  |
| Input Frequency                | 50 to 60 Hz    | Rated Ballast-Lamp Power        | 18 W   |
| Operating Frequency (Min)      | 42 kHz         | Temperature                     |  |
| Ignition Method                | Warm Start     | T-Ambient (Max)                 | 40 °C  |
| Crestfactor (Max)              | 1.85           | T-Ambient (Min)                 | 0 °C   |
| Power Factor 100% Load (Nom)   | 0.6            | T-Storage (Max)                 | 85 °C  |
| Ignition Time (Max)            | 1 s            | T-Storage (Min)                 | -40 °C   |
| Mains Voltage Performance (AC) | 221-254V       | T-Case Maximum (Max)            | 75 °C  |
| Mains Voltage Safety (AC)      | 216-264V       | T-Ignition (Min)                | 0 °C   |
| Constant Wattage Deviation     | Not specified  |                                 |  |
| Power Losses (Nom)             | 3.5 W          |                                 |  |

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### Emergency Operation

|                                |           |
|--------------------------------|-----------|
| Battery Voltage Lamp Ignition  | 198-254 V |
| Battery Voltage Lamp Operation | 176-254   |

### Approval and Application

|                       |                         |
|-----------------------|-------------------------|
| EMC Immunity Standard | IEC 61547               |
| Vibration Standard    | -                       |
| Bumps Standard        | Not specified           |
| Humidity Standard     | IEC 61347-2-3 clause 11 |
| Hum And Noise Level   | Inaudible               |

### Product Data

|                                 |                 |
|---------------------------------|-----------------|
| Full product code               | 871150088497800 |
| Order product name              | EBS 118 230 SH  |
| EAN/UPC - Product               | 8711500884978   |
| Order code                      | 913702243112    |
| Numerator - Quantity Per Pack   | 1               |
| Numerator - Packs per outer box | 50              |
| Material Nr. (12NC)             | 913702243112    |
| Net Weight (Piece)              | 0.040 kg        |

### Dimensional drawing

1:1 A2

| Product        | D1     | C1      | A1      | A2      | B1      |
|----------------|--------|---------|---------|---------|---------|
| EBS 118 230 SH | 4.0 mm | 22.0 mm | 80.0 mm | 65.0 mm | 40.0 mm |

EB-S Micropower 118 220-240V SH

