

# HF-Matchbox Blue

## HF-M BLUE 109 LH TL/PL-S 230-240V

HF-Matchbox Blue is an affordable, reliable, compact, lightweight and high-frequency ballast for use with system wattages below 25 W in combination with TL mini, TL-D, TL5 and TL5c, PL-T/C, and PL-L/S lamps. The HF-M Blue range has a robust design, meets all relevant international safety and performance standards and has an energy efficiency index (CELMA EEI ) of A2. The ballast is primarily designed for Indoor application. For outdoor application, the luminaire should be minimum Classland need to be sufficiently protected against water & dust. The installation should also be guard against any lightening surge or any other necessary electrical protection as deemed in such typical installation & application.

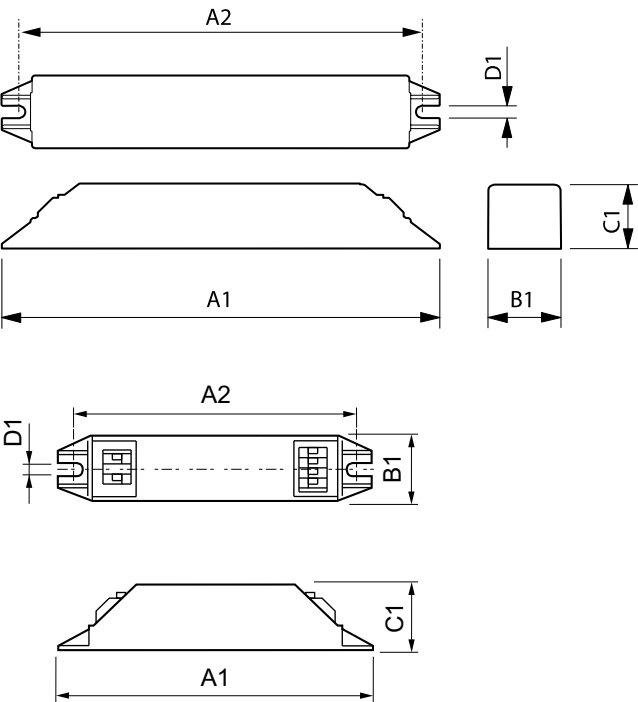
### Product data

| Operating and Electrical                        |                 |
|-------------------------------------------------|-----------------|
| Input Voltage                                   | 230 to 240 V    |
| Line Frequency                                  | 50 to 60 Hz     |
| Input Frequency                                 | 50 to 60 Hz     |
| Number of Products on MCB (16A Type B)<br>(Nom) | 159             |
| Wiring                                          |                 |
| Connector Type Input Terminals                  | Insert          |
| Color Input Terminals                           | Blue            |
| Color Output Terminals                          | Grey            |
| Connector Type Output Terminals                 | Insert          |
| Cable Length From Device to Lamp                | 1.50 m          |
| Temperature                                     |                 |
| Ambient temperature range                       | -10 °C to 40 °C |
| T-Case Maximum (Max)                            | 75 °C           |

| Mechanical and Housing          |                                                     |
|---------------------------------|-----------------------------------------------------|
| Housing                         | LH                                                  |
| Approval and Application        |                                                     |
| Ingress protection code         | IP20 [Finger-protected]                             |
| Approval Marks                  | F-Marking CE marking VDE certificate CB Certificate |
| Product Data                    |                                                     |
| Full product code               | 871150053680830                                     |
| Order product name              | HF-M BLUE 109 LH TL/PL-S 230-240V                   |
| Order code                      | 913700421366                                        |
| Numerator - Quantity Per Pack   | 1                                                   |
| Numerator - Packs per outer box | 50                                                  |
| Material number (12NC)          | 913700421366                                        |
| Full product name               | HF-M BLUE 109 LH TL/PL-S 230-240V                   |
| EAN/UPC - Case                  | 8711500536815                                       |

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Dimensional drawing



| Product                           | A1     | A2     | B1    | C1    | D1     |
|-----------------------------------|--------|--------|-------|-------|--------|
| HF-M BLUE 109 LH TL/PL-S 230-240V | 144 mm | 133 mm | 22 mm | 22 mm | 4.2 mm |

| Product                           |
|-----------------------------------|
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