



# HF-Matchbox Blue

HF-M BLUE 114 LH TL/PL-S/PL-C 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.

## Product data

### • General Information

Lamp Type	TL/PL-S/PL-C
Number Of Lamps	1 piece/unit
Number Of Products On MCB (16A Type B) (Nom)	101
Automatic Restart	Yes

### • Operating and Electrical

Input Voltage	230 to 240 V
Input Frequency	50-60_1 Hz
Power Factor 100%	0.64
Load (Nom)	
Ignition Time (Max)	0.5 s
Mains Voltage Performance (AC)	-8%+6%
Mains Voltage Safety (AC)	-10%+10%
Power Losses (Nom)	2.9 W

### • Wiring

Connector Type	Insert
Input Terminals	
Color Input Terminals	Grey
Color Output Terminals	Grey
Connector Type	Insert
Output Terminals	
Cable Length From Device To Lamp	1.50 m
Cable Length Hot Wiring	0.30 m
Wire Striplength	8.0-9.0 mm

Input Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Output Terminal Cross Section	0.50-1.50 mm <sup>2</sup>

### • System characteristics

Rated Ballast-Lamp Power	14 W
System Power On PL-S	14.1 W
Rated Lamp Power On PL-S	14 W
Power Loss On PL-S	2.2 W
Lamp Power On PL-S	11.9 W
System Power On PL-C	14.6 W
Rated Lamp Power On PL-C	14 W
Power Loss On PL-C	2.4 W
Lamp Power On PL-C	12.2 W
Lamp Power On TL	11.8 W
Rated Lamp Power On TL	14 W
System Power On TL	15.7 W

### • Temperature

T-Ambient (Max)	40 °C
T-Ambient (Min)	-10 °C
T-Case Maximum (Max)	75 °C

### • Mechanical and Housing

Housing	LH
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## • Emergency Operation

Battery Voltage Lamp Ignition 194-254 V

## • Approval and Application

Approval Marks F-Marking  
CE marking  
VDE certificate  
CB Certificate

## • Product Data

Full product code	871150053682230
Order product name	HF-M BLUE 114 LH TL/PL-S/PL-C 230-240V
EAN/UPC - Product	8711500536822
Order code	913700421766
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	913700421766
Net Weight (Piece)	0.036 kg



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data subject to change