

# HF-Matchbox Blue

HF-M BLUE 105 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.

## Product data

### • General Characteristics

Rated Lamptype	TL/PL-S
Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	5
Line Voltage	230-240 V
Line Frequency	50/60 Hz
Housing	LH

### • Operating Characteristics

Automatic restart	Yes
Maximum ignition time	0.5 (max) s
Mains voltage safety (AC)	-10%/+10%
Mains voltage performance (AC)	-8%/+6%
Power losses gear	1.5 W
PowerFactor 100% output power	0.66 -
Battery voltage lamp ignition	194-254 V
Overvoltage protection 320Vac	0.03 hr
Max ballast on MCB(16A type B)	240 x

### • Wiring Characteristics

Color input terminals	Black
Color output terminals	Grey
Conn.type input terminals	Insert

Conn.type output terminals	Insert
Max. cable length Device/Lamp	1.50 m
Max. cable length Hot Wires	0.30 m
Striplength	8.0-9.0 mm
Wcs Input terminals	0.50-1.50 mm <sup>2</sup>
Wcs Output terminals	0.50-1.50 mm <sup>2</sup>

### • System Chars on driver level

System Power on PL-S	5.6
Rated Lamp Power on PL-S	5
Power Loss on PL-S	1.5
Lamp Power on PL-S	4.1
Lamp Power on TL	3.5
Power Loss on TL	1.6
Rated Lamp Power on TL	5
System Power on TL	5.1

### • Temperature Characteristics

F-marking	Yes
T-case maximum	75 (max) C
T-ambient	-10 (min), 40 (max) C

### • Product Dimensions

Length A1	144.0 mm
Fixing Hole Distance	132.0 mm
Length A2	
Width B1	22.0 mm

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Height C1 22.0 mm  
 Fixing Hole Diameter 4.4 mm  
 D1

• Approval & Application Chars

CE marking Yes  
 ENEC certificate No  
 VDE certificate Yes  
 UL certificate No  
 CB Certificate Yes

• Product Data

Order code 913700422666

Full product code 913700422666  
 Full product name HF-M BLUE 105 LH TL/PL-S  
 230-240V  
 Order product name HF-M BLUE 105 LH TL/PL-S  
 230-240V

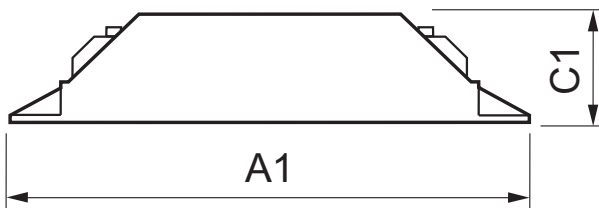
Pieces per pack 1  
 Packing configuration 50  
 Packs per outerbox 50  
 Bar code on pack -  
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 Bar code on  
 outerbox - EAN3 8711500536792  
 Logistic code(s) -  
 12NC 913700422666  
 Net weight per piece 0.036 kg

## Dimensional drawing



### HF-M BLUE 105 LH TL/PL-S 230-240V

Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-M BLUE 105 LH TL/PL-S 230-240V	144.0	132.0	22.0	22.0	4.4



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 data subject to change