

# 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		Cable length from device to lamp	
Lamp type	TL/PL-S/PL-C	Cable length hot-wiring	1.50 m
Number of lamps	1 piece/unit	Wire strip length	0.30 m
Number of products on MCB (16 A type B) (nom.)	101	Input terminal cross section	8.0-9.0 mm
Automatic restart	Yes	Output terminal cross section	0.50-1.50 mm <sup>2</sup>
Operating and Electrical		System characteristics	
Input Voltage	230 to 240 V	Rated ballast-lamp power	14 W
Input frequency	50 to 60 Hz	System power on PL-S	14.1 W
Power factor 100% load (nom.)	0.64	Rated lamp power on PL-S	14 W
Ignition time (max.)	0.5 s	Power loss on PL-S	2.2 W
Mains voltage performance (AC)	-8%~+6%	Lamp power on PL-S	11.9 W
Mains voltage safety (AC)	-10%~+10%	System power on PL-C	14.6 W
Power losses (nom.)	2.9 W	Rated lamp power on PL-C	14 W
Efficiency at full load [%]	86.7 %	Power loss on PL-C	2.4 W
Wiring		Lamp power on PL-C	12.2 W
Connector type input terminals	Insert	Lamp power on TL	11.8 W
Colour input terminals	Grey	Rated lamp power on TL	14 W
Colour output terminals	Grey	System power on TL	15.7 W
Connector type output terminals	Insert	Power loss on TL	3.9 W

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## 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
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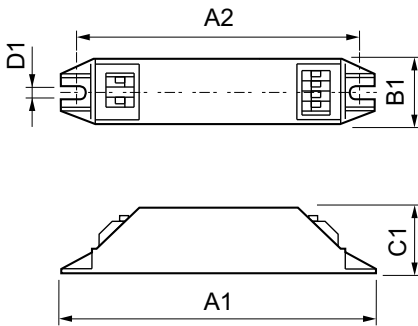
## Approval and Application

IP classification	IP 20 [ Ingress Protection 20]
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	53682230
SAP numerator – quantity per pack	1
Numerator – packs per outer box	50
SAP material	913700421766
SAP net weight (piece)	0.036 kg

## Dimensional drawing



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