



HF-Matchbox Red

HF-M RED 118 SH PL-C/PL-T 230-240V

HF-Matchbox Red 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 Red 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	PL-C/PL-T	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.)	73	Input terminal cross section	8.0-9.0 mm
Automatic restart	Yes	Output terminal cross section	0.50-1.50 mm ²
Operating and Electrical		System characteristics	
Input Voltage	230 to 240 V	Rated ballast-lamp power	18 W
Input frequency	50 to 60 Hz	Rated lamp power on PL-T	18 W
Power factor 100% load (nom.)	0.62	System power on PL-T	17.3 W
Ignition time (max.)	0.45 s	Power loss on PL-T	2.1 W
Mains voltage performance (AC)	-8%~+6%	Lamp power on PL-T	15.2 W
Mains voltage safety (AC)	-10%~+10%	System power on PL-C	17.9 W
Power losses (nom.)	2.0-2.1 W	Rated lamp power on PL-C	18 W
Efficiency at full load [%]	88.33 %	Power loss on PL-C	2 W
Wiring		Lamp power on PL-C	15.9 W
Connector type input terminals	Insert	Temperature	
Colour input terminals	Orange	T-ambient (max.)	40 °C
Colour output terminals	Grey	T-ambient (min.)	-10 °C
Connector type output terminals	Insert	T-Case maximum (max.)	75 °C

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Mechanical and Housing

Housing SH

Emergency Operation

Battery voltage lamp ignition 194-254 V

Approval and Application

IP classification IP 20 [Ingress Protection 20]

Approval marks F-Marking CE marking ENEC certificate
CB Certificate

Product Data

Full product code	871150092802330
Order product name	HF-M RED 118 SH PL-C/PL-T 230-240V
EAN/UPC – product	8711500928023
Order code	92802330
SAP numerator – quantity per pack	1
Numerator – packs per outer box	50
SAP material	913700423466
SAP net weight (piece)	0.034 kg

Dimensional drawing

A2

Product	D1	C1	C2	A1	A2	B1
HF-M RED 118 SH PL-C/PL-T 230-240V	4.4 mm	22.0 mm	10.0 mm	80.0 mm	70.0 mm	40.0 mm

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