



# Robust design, compact form

# **HF-Matchbox Red**

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.

## Benefits

- · Can be operated with movement-detection control systems.
- Automatic restart (after voltage dip or lamp exchange) ensures easy operation and hassle-free re-lamping.
- · Suitable for use in class I or class II luminaires

#### Features

- Over 60,000 on/off switches on one lamp (depending on lamp/ballast combination)
- Suitable for emergency DC operation between 190 and 254 V
- Programmed, flicker-free, pre-heated start (<0.8 s) which allows the lamp to be switched on and off without reducing useful lamp life

## Application

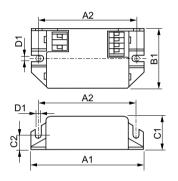
- · Used with movement-detection control systems like Philips OccuPlus
- Mainly for indoor applications such as spotlights, downlights, light boxes, and emergency and security fixtures used largely in retail stores, office buildings, hotels, private homes and residential buildings
- · Domestic applications such as outdoor garden lighting, garage areas, stairways

# **HF-Matchbox Red**

## Versions



## Dimensional drawing



Operating and Electrical	
Input Frequency	50 to 60 Hz
Input Voltage	230 to 240 V
General Information	
Number Of Lamps	1 piece/unit
Mechanical and Housing	
Housing	SH

#### **General Information**

		Number Of Products	
	On MCB (16A Type		
Order Code	Full Product Name	B) (Nom)	Lamp Type
913700423266	HF-M RED 114 SH TL/TL5/PL-C/S	101	TL/TL5/PL-C/S
	230-240V		

		Number Of Products	
		On MCB (16A Type	
Order Code	Full Product Name	B) (Nom)	Lamp Type
913700423466	HF-M RED 118 SH PL-C/PL-T	73	PL-C/PL-T
	230-240V		

#### System characteristics

		Lamp	Lamp	Lamp	Rated
		Power On	Power On	Power On	Ballast-
Order Code	Full Product Name	PL-C	PL-T	TL5	Lamp Power
913700423266	HF-M RED 114 SH	8.9 W	-	13.1 W	14 W
	TL/TL5/PL-C/S				
	230-240V				

Product	family	leaflet.	2018.	March 1

Product	D1	C1	C2	A1	A2	B1
HF-M RED 114 SH	4.2 mm	22.0	10.0	80.0	70.0	40.0
TL/TL5/PL-C/S 230-240V		mm	mm	mm	mm	mm
HF-M RED 118 SH PL-	4.4 mm	22.0	10.0	80.0	70.0	40.0
C/PL-T 230-240V		mm	mm	mm	mm	mm

## **HF-Matchbox Red**

		Lamp Power On	Lamp Power On	Lamp Power On	Rated Ballast-
Order Code	Full Product Name	Power On PL-C	Power On PL-T	TL5	Lamp Power
913700423466	HF-M RED 118 SH PL- C/PL-T 230-240V	15.9 W	15.2 W	-	18 W



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