PHILIPS Lighting



HF-Matchbox Red

HF-M RED 109 SH TL/PL-S 230-240V

HF-Matchbox Red is an affordable, reliable, compact, lightweight and highfrequency 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. The ballast is primarily designed for Indoor application. For outdoor application, the luminaire should be minimum Classland need to be sufficiently protected against water & dust. The installation should also be guard against any lightening surge or any other necessary electrical protection as deemed in such typical installation & application.

Product data

Operating and Electrical				
Input Voltage	230 to 240 V			
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			
Number of Products on MCB (16A Type B)	159			
(Nom)				
Wiring				
Connector Type Input Terminals	Insert			
Color Input Terminals	Black			
Color Output Terminals	Grey			
Connector Type Output Terminals	Insert			
Cable Length From Device to Lamp	1.50 m			
Temperature				
Ambient temperature range	-10 °C to 40 °C			
T-Case Maximum (Max)	75 ℃			

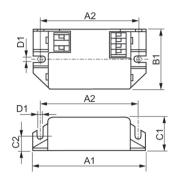
Mechanical and Housing	
Housing	SH
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Approval Marks	F-Marking CE marking ENEC certificate CB
	Certificate
Product Data	
Order product name	HF-M RED 109 SH TL/PL-S 230-240V
Full product name	HF-M RED 109 SH TL/PL-S 230-240V
Full product code	871150093142930
Order code	913700422866
Material Nr. (12NC)	913700422866
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.034 kg
EAN/UPC - Product/Case	8711500931429
Numerator - Packs per outer box	50

HF-Matchbox Red

EAN/UPC - Case

8711500931436

Dimensional drawing



Product	D1	C1	C2	A1	A2	B1
HF-M RED 109 SH TL/PL-S	4.4 mm	22.0 mm	10.0 mm	80.0 mm	70.0 mm	40.0 mm
230-240V						



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