PHILIPS Lighting



HF-Matchbox Red

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

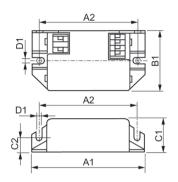
HF-Matchbox Red is an affordable, reliable, compact, lightweight and highfrequency ballast for use with system wattages below 25 W in combination with TL mini, TL-D, TL5 and TL5c, PL-T/C, and PL-L/S lamps. The HF-M Red range has a robust design, meets all relevant international safety and performance 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 50 to 60 Hz				
Input Frequency					
Number of Products on MCB (16A Type B)	159				
(Nom)					
Wiring					
Connector Type Input Terminals	Insert				
Color Input Terminals	Black Grey				
Color Output Terminals					
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 871150093142930						
Full product code							
Order code	913700422866						
Material Nr. (12NC)	913700422866						
Numerator - Quantity Per Pack	1						
EAN/UPC - Product/Case	8711500931429						
Numerator - Packs per outer box	50						
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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