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.

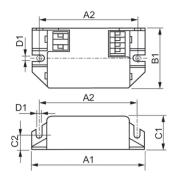
Product data

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 (16 A type B)	159			
(nom.)				
Wiring				
Connector type input terminals	Insert			
Colour input terminals	Black			
Colour 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 EOC	871150093142930			
Order code	93142930			
Material no. (12 NC)	913700422866			
Local order code	HFMRED109SH			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8711500931429			
Numerator – packs per outer box	50			
EAN/UPC - Case	8711500931436			

HF-Matchbox Red

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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