



# **SmartMate**

# SMARTMATE ELE BALLAST (2) 13W CFL 4-PIN 120-277V

Offering maximum versatility, the Philips Advance family of SmartMate ballasts for 4-pin compact fluorescent lamps drive a broad range of quad and triple-tube, circline, 2D, and long twin-tube lamps. SmartMate ballasts' energy efficient design, compact and lightweight housing, and user-friendly features make these ballasts an ideal choice for fixture manufacturers, retrofitters, and MRO replacement.

#### **Product data**

General Information				
Lamp Type	CFQ13W/G24Q			
Number of Lamps	1/2 piece/unit			
Ballast Type	Electronic Fluorescent			
Base Model	ICF2S13M1BSQS			
Suitable For Outdoor Use	Yes			
Automatic Restart	Yes			
Operating and Electrical				
Input Voltage	120 to 277 V			
Input Frequency	50 to 60 Hz			
Max THD	10 %			
Starting Method	Programmed Start			
Lamp Current Crest Factor (Nom)	1.7			
Ignition Time (Nom)	1.5 s			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.98			
Input Current (Operating) (Max)	0.25 A			
Input Current (Operating) (Min)	0.11 A			
Input Power (Nom)	29-29 W			

Rated Lamp Watts	13 W			
Wiring				
Color Input Terminals	BLK & WHT			
Color Output Terminals	RED, YEL & BLU			
Wire Striplength	0.375 mm			
Lamp Connection	Series			
Wire Length by Color	No wires			
Wire Gauge (Nom)	18AWG mm			
Wire Type	Solid			
Remote Wiring Configuration Allowed	Yes			
Tandem Wiring Configuration Allowed	Yes			
Through Wiring Configuration Allowed	Yes			
Max Ballast-Lamp Distance Remote	1-L = 15' / 2-L = 6'			
Wiring				
Max Ballast-Lamp Distance Tandem	2-L: Red = 6'			
Wiring				
Max Ballast-Lamp Distance Through	2-L: Red = 6'			
Wiring				
Connector Type	Poke-In			

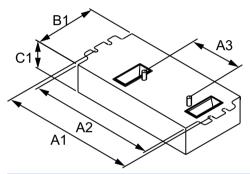
Datasheet, 2019, February 12 data subject to change

## **SmartMate**

Temperature				
T-Case Maximum (Nom)	75 °C			
Mechanical and Housing				
Housing Material	Metal			
Housing	M1			
Housing Dimensions	4.98" x 2.4" x 0.98"			
Approval and Application				
EMC Immunity Standard	FCC Non-Consumer			
Approbation Marks	CSA certificate UL certificate CEC Listing			
	RoHS Compliant			
Sound Rating	A			

UL Recognized	No				
Product Data					
Order product name	SMARTMATE ELE BALLAST (2) 13W CFL 4				
	PIN 120-277V				
EAN/UPC - Product	781087059203				
Order code	ICF2S13M1BSQS35M				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	16				
Material Nr. (12NC)	913710817102				
Net Weight (Piece)	0.236 kg				

## Dimensional drawing



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Product	A1	A2	А3	B1	C1
SMARTMATE ICF2S13M1BSQS35M	4.60 in	4.20 in	2.00 in	2.40 in	0.98 in



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