



# **SmartMate**

# SMARTMATE ELE BALLAST (2) 42W 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	CFTR42W/GX24Q			
Number of Lamps	1/2 piece/unit			
Ballast Type	Electronic Fluorescent			
Base Model	ICF2S42M2BS			
Suitable For Outdoor Use	Yes			
Automatic Restart	Yes			
Operating and Electrical				
Input Voltage	120 to 277 V			
Input Frequency	50 to 60 Hz			
Total Harmonic Distortion USA	10 %			
Ignition Method	Programmed Start			
Crestfactor (Nom)	1.5			
Ignition Time (Nom)	1.5 s			
Ballast Factor (Nom)	0.97			
Power Factor (Nom)	0.98			
Input Current (Max)	0.78 A			
Input Current (Min)	0.33 A			
Input Power (Nom)	93-93 W			

Rated Lamp Power	42 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 Wiring	1-L = 15' / 2-L = 6'
Max Ballast-Lamp Distance Tandem Wiring	2-L: Red = 6'
Max Ballast-Lamp Distance Through Wiring	2-L: Red = 6'
Connector Type	Poke-In
Temperature	
T-Case Maximum (Nom)	75 ℃

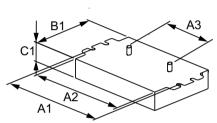
Datasheet, 2019, March 22 data subject to change

## **SmartMate**

Mechanical and Housing	
Housing Material	Metal
Housing	M2
Housing Dimensions	4.98" x 3.0" x 1.29"
Approval and Application	
EMC Immunity Standard	FCC Non-Consumer
Approval Marks	CSA certificate UL certificate CEC Listing
	RoHS Compliant
Hum And Noise Level	A
UL Recognized	No
	-

Product Data			
Order product name	SMARTMATE ELE BALLAST (2) 42W CFL		
	(4-PIN) 120-277V		
EAN/UPC - Product	781087102930		
Order code	190520		
Local order code	190520		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	16		
Material Nr. (12NC)	913700521201		
Net Weight (Piece)	0.368 kg		

## Dimensional drawing



Studs for -BS models only -LD models do not have mounting studs

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Product	A1	A2	А3	B1	C1
SMARTMATE ELE BALLAST (2) 42W CFL	4.55 in	4.20 in	2.00 in	3.00 in	1.29 in
(4-PIN) 120-277V					



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