



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
Max THD	10 %
Starting Method	Programmed Start
Lamp Current Crest Factor (Nom)	1.5
Ignition Time (Nom)	1.5 s
Ballast Factor (Nom)	0.97
Power Factor (Nom)	0.98
Input Current (Operating) (Max)	0.78 A
Input Current (Operating) (Min)	0.33 A
Input Power (Nom)	93-93 W

Rated Lamp Watts	42 W	
Traced Earling Waters	72 17	
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 ℃	

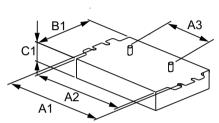
Datasheet, 2019, March 22 data subject to change

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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
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) 42W CFL
	(4-PIN) 120-277V
EAN/UPC - Product	781087102930
Order code	ICF2S42M2BS35M
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

ELE BALLAST (2) 42W CFL (4-PIN) 120-277V

 Product
 A1
 A2
 A3
 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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