



SmartMate

SMARTMATE ELE BAL (2) 42W CFL (4-PIN) 120/277V KIT

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	ICF2S42M2LD				
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			
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 °C			

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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
	NOM certificate RoHS Compliant
Sound Rating	А
UL Recognized	No

Product Data	
Order product name	SMARTMATE ELE BAL (2) 42W CFL (4-PIN)
	120/277V KIT
EAN/UPC - Product	781087117798
Order code	ICF2S42M2LDK
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913710209004
Net Weight (Piece)	0.404 kg

Dimensional drawing



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

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Product	A1	A2	A3	B1	C1
SMARTMATE ELE BAL (2) 42W CFL (4-	4.55 in	4.20 in	2.00 in	3.00 in	1.29 in
PIN) 120/277V KIT					



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www.lighting.philips.com 2019, March 22 - data subject to change