

## PSM213CQMVW • PSM213CQMBW • PSM213CQMVBSW

Ballast Type: Electronic	Starting Method: Programmed	Unit Weight: 0.8 lb.
Input Voltage: 120 thru 277VAC ±10%	Lamp Connection: Series	Carton Quantity: 50
Input Frequency: 50/60 Hz.	Unit Color: White	Skid Quantity: 1750/1800/1800

### ELECTRICAL SPECIFICATION:

Line Voltage (V)	Lamp Type	Lamp Watts	No. of Lamps	Line Current (A)	Input Power (W)	Power Factor	Max Current THD (%)	Current Crest Factor	Ballast Factor	Wiring Diagram	B.E.F.
120	CFQ13W/G24q	13	1	0.14	18	≥0.96	≤12	≤1.5	1.02	152	5.67
277	CFTR13W/GX24q			0.07							
120	CFQ13W/G24q	13	2	0.27	32	≥0.98	≤10	≤1.4	1.01	153	3.16
277	CFTR13W/GX24q			0.12							
120	CFS16W/GR10q	16	1	0.16	20	≥0.98	≤10	≤1.4	1.00	152	5.00
277	CFS16W/GR10q			0.07							
120	CFS16W/GR10q	16	2	0.32	38	≥0.98	≤10	≤1.4	0.98	153	2.58
277	CFS16W/GR10q			0.14							
120	CFQ10W/G24q	10	1	0.09	12	≥0.98	≤12	≤1.7	1.02	152	8.50
277	CFQ10W/G24q			0.05							
120	CFQ10W/G24q	10	2	0.17	21	≥0.98	≤10	≤1.6	1.02	153	4.86
277	CFQ10W/G24q			0.08							
120	CFS10W/GR10q	10	1	0.12	14	≥0.96	≤12	≤1.6	1.03	152	7.36
277	CFS10W/GR10q			0.06							
120	CFS10W/GR10q	10	2	0.22	26	≥0.98	≤10	≤1.5	1.02	153	3.92
277	CFS10W/GR10q			0.11							

### PERFORMANCE:

- High efficiency electronic ballast
- Programmed start
- Series operation
- High power factor
- Encased & potted
- Sound rated A
- All-star protection: Protects against *open-filaments*, *high lamp voltage*, *lamp rectification*, *low line voltage*, *damaged or shattered glass*, & *high temperature conditions*
- Internal surge protection
- Meets FCC Part 18 (Class A) for EMI and RFI non-consumer limits
- Meets ANSI standard C82.11
- Meets ANSI standard C62.41

### APPLICATION:

- Maximum case temperature: 194°F/90°C
- Maximum ambient temperature: 140°F/60°C
- Minimum starting temperature: -4°F/-20°C
- Lamp starts: >50,000 starts
- Remote mounting: 18 ft.
- Compatible with leading manufacturers of Emergency Battery Packs

### SAFETY:

- UL/935 (Class P, Type HL, Type 1 outdoor) listed
- CSA/C22.2 certified
- No PCB's

### ORDERING INFORMATION:

- Side Leads - W
- Bottom Entry - BW
- Bottom Entry w Studs - BSW

### STYLE:

**28**

H	W	L	M	S
1	2 3/8	5	4 5/8	3/16
1.00	2.38	5.00	4.63	0.19
2.54 cm	6.05 cm	12.70 cm	11.76 cm	0.47 cm

### WIRING DIAGRAM:

Standard lead lengths on units with side leads 12"

### WARRANTY:

Robertson Worldwide warrants to the purchaser that this ballast will be free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal conditions of use. For more information on Robertson Worldwide's ballasts, call 1-800-323-5633 or visit [www.robertsonww.com](http://www.robertsonww.com). Specifications subject to change without notice

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