

PSM213CQMVDW • PSM213CQMVDW • PSM213CQMVDW

Ballast Type: Electronic
 Input Voltage: 120 thru 277VAC $\pm 10\%$
 Input Frequency: 50/60 Hz.

Starting Method: Programmed
 Lamp Connection: Series
 Unit Color: White

Unit Weight: 0.8 lb.
 Carton Quantity: 50
 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							
120	CFT5W/2G7	5	1	0.06	7	> 0.98	≤ 10	≤ 1.6	1.10	152	15.71
277	CFT5W/2G7			0.03		> 0.90					
120	CFT5W/2G7	5	2	0.10	12	≥ 0.98	≤ 15	≤ 1.6	1.05	153	8.75
277	CFT5W/2G7			0.05							
120	CFT7W/2G7	7	1	0.07	9	> 0.98	≤ 15	≤ 1.5	1.07	152	11.89
277	CFT7W/2G7			0.04		> 0.92					
120	CFT7W/2G7	7	2	0.14	16	≥ 0.98	≤ 12	≤ 1.5	1.03	153	6.44
277	CFT7W/2G7			0.06							
120	CFT9W/2G7	9	1	0.09	11	> 0.98	≤ 15	≤ 1.5	1.05	152	9.55
277	CFT9W/2G7			0.04		> 0.94					
120	CFT9W/2G7	9	2	0.16	20	≥ 0.98	≤ 10	≤ 1.5	1.02	153	5.10
277	CFT9W/2G7			0.07							

PERFORMANCE:

- High efficiency electronic ballast
- Programmed start
- Series operation
- High power factor
- Encased & potted
- Sound rated A
- All-star EOL protection:
- Internal surge protection
- Meets FCC Part 18 (Class A) for EMI and RFI non-consumer limits
- Meets ANSI standard C82.11 and C62.41

APPLICATION:

- Maximum case temperature: 194°F/90°C
 - Maximum ambient temperature: 140°F/60°C
 - Minimum starting temperature: -22°F/-30°C†
 - Not recommended for extreme temperature variations
 - Lamp starts: >50,000 starts
 - Remote mounting: 18 ft.
 - Compatible with leading manufacturers of Emergency Battery Packs
- †Please consult lamp manufacturer's data regarding Lumen Output vs. Ambient Temperature.

SAFETY:

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

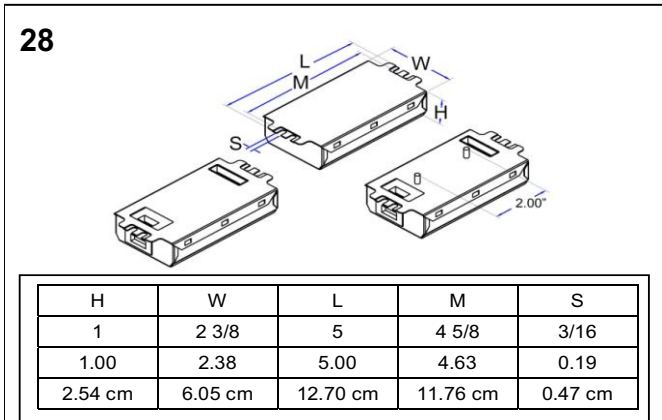
ORDERING INFORMATION:

- Side Leads - W (Standard lead lengths 12")
- Dual Entry - DW
- Dual Entry with Studs - DSW
- Use 18AWG solid copper wire (stripped to 3/8")

U.S. PATENT NUMBERS:

6,366,032 B1 and 6,420,838 B1

STYLE:



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.

WIRING DIAGRAM:

