

## C242UNVxxx

### APPLICATION and PERFORMANCE SPECIFICATION

**Description:** Electronic compact fluorescent ballast(s) for (2/1)CFM42W/GX24q, (2)FC12T5-40W, (2/1)CFM36W/2G10, (2)CFTR32W/GX24q, (2)CFS28W/GR10q, (2)CFQ/TR26W/GX24q, (2)FT24W/G11, (2)FC9T5-22W, (1)FT55W/2G11, (1) CFS55W/GRY10q-3 (1&1)FC9T5-22W & FC12T5-40W, (1)CFM57W/GX24q 4-pin lamps, (1)FC12T5-55W, (1)CFM70W/Gx24q, (2/1) FT36W/2G11

- Line Voltage: 120vac to 277vac, ±10%, 50-60Hz
- High Power Factor

- Programmed Rapid Start
- Series Lamp Connection

Model	Line Volts	Lamp		Input Watts*	Line Amps	Ballast Factor	Power Factor	THD	Crest Factor
		Type	#						
C242UNVxxx	120	CFM42W	2	91	0.76	.98	> 0.98	< 10%	<1.6
	277		2	90	0.32	.98	> 0.98	< 10%	<1.6
C242UNVxxx	120	CFM42W	1	45	0.40	1.00	> 0.93	< 10%	<1.6
	277		1	45	0.18	1.00	> 0.93	< 10%	<1.6
C242UNVxxx	120	CFM57W	1	58	0.52	1.00	> 0.98	< 10%	<1.6
	277		1	57	0.23	1.00	> 0.98	< 10%	<1.6
C242UNVxxx	120	CFM70W	1	73	0.61	1.00	> 0.98	< 10%	<1.6
	277		1	72	0.27	1.00	> 0.95	< 10%	<1.6
C242UNVxxx	120	FC12T5-40W	2	80	0.65	.98	> 0.98	< 10%	<1.6
	277		2	79	0.30	.98	> 0.98	< 10%	<1.6
C242UNVxxx	120	CFM36W/2G10	2	68	0.52	.90	> 0.95	< 10%	<1.7
	277		2	67	0.23	.90	> 0.95	< 10%	<1.7
C242UNVxxx	120	CFM36W/2G10	1	33	0.28	.98	> 0.99	< 15%	<1.7
	277		1	33	0.14	.98	> 0.90	< 15%	<1.7
C242UNVxxx	120	CFTR32W	2	69	0.58	1.00	> 0.98	< 10%	<1.6
	277		2	67	0.26	1.00	> 0.98	< 10%	<1.6
C242UNVxxx	120	CFS28W	2	64	0.54	1.00	> 0.97	< 10%	<1.6
	277		2	63	0.24	1.00	> 0.97	< 10%	<1.6
C242UNVxxx	120	CFQ/TR26W	2	56	0.46	1.02	> 0.95	< 10%	<1.6
	277		2	55	0.22	1.02	> 0.95	< 10%	<1.6
C242UNVxxx	120	FT36W/2G11	2	64	0.57	.83	> 0.99	< 10%	<1.7
	277		2	64	0.25	.83	> 0.97	< 10%	<1.7
C242UNVxxx	120	FT24W/2G11	2	51	0.43	1.02	> 0.95	< 10%	<1.7
	277		2	50	0.19	1.02	> 0.95	< 10%	<1.7
C242UNVxxx	120	FT55W/2G11	1	46	0.38	.83	> 0.99	< 10%	<1.7
	277		1	46	0.17	.83	> 0.95	< 10%	<1.7
C242UNVxxx	120	FC9T5-22W	2	50	0.42	1.05	> 0.95	< 10%	<1.7
	277		2	50	0.19	1.05	> 0.95	< 10%	<1.7
C242UNVxxx	120	FC9T5-22W & FC12T5-40W	1 & 1	66	0.54	.98	> 0.97	< 10%	<1.7
	277		1 & 1	64	0.24	.98	> 0.97	< 10%	<1.7
C242UNVxxx	120	FC12T5-55W	1	44	0.37	.83	> 0.99	< 10%	<1.7
	277		1	43	0.17	.83	> 0.93	< 10%	<1.7
C242UNVxxx	120	FT36W/2G11	1	34	0.29	.88	> 0.99	< 10%	<1.7
	277		1	34	0.14	.88	> 0.90	< 20%	<1.7
C242UNVxxx	120	CFS55W/GRY10q-3	1	34	0.28	.55	> 0.99	< 10%	<1.7
	277		1	34	0.14	.55	> 0.90	< 20%	<1.7

\* ANSI measured wattage; 25°C ambient; benchtop; lamps base up

Application and Performance Specification Information Subject to Change without Notification

#### Performance:

- Meets ANSI Standard C82.11
- Meets FCC Part 18 (Non-Consumer), Limits for EMI/RFI
- Operating Frequency Range: 40-50 kHz
- **Auto-Reset Shutdown Circuit** per NEMA Recommendations
  - Both lamps should be replaced at end of life
  - Lamps relight upon insertion in socket

- Suitable for use in air handling spaces when NEC wiring guidelines are followed

#### Safety:

- No PCB's
- UL listed (Class P)
  - Type 1 Outdoor, Type CC, Type HL
- CSA Certified

#### Application:

- Minimum Starting Temperature: 0° F, -18° C
- Maximum Ambient Temperature: 122° F, 50° C
- Maximum Case Temperature (@ t<sub>c</sub>): 167° F, 75° C
- Sound Rated: A
- Lead configuration:
  - xxx = SE - Side Exit
  - or BE - Bottom Exit
  - or BES - Bottom Exit with Studs (2" on center)
- Remote Mounting: 12 feet
- 42W applications also operate on 125VDC input, (+)L (-)N

#### Physical Parameters

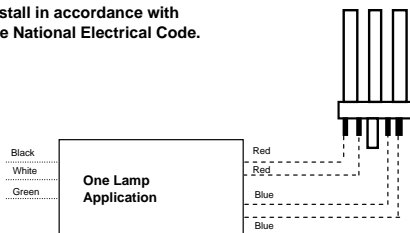
- Overall Length: 4.94"
- Width: 2.98"
- Mounting: 4.61"
- Height: 1.00"
- Weight: 0.9 lbs.
- Qty/Carton: 20
- Color: SE-White, BE/BES-Black
- Can Material: Metal

#### Warranty:

The manufacturer warrants to the purchaser that each electronic 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.

#### Manufactured in North America

Install in accordance with the National Electrical Code.



Ballast has plug in wire trap connectors. Use 18 AWG solid copper wire, stripped to 3/8". Ballast Must be Grounded. Use External Ground Wire.

