

B232PUS50-A

APPLICATION and PERFORMANCE SPECIFICATION

Description: Switch Dimming Electronic ballast for (2/1) F32T8, (2/1) F25T8, (2/1) F17T8 and (1) F40T8 fluorescent lamps. Also, equivalent U-shaped lamps.

- Line Voltage: 120 - 277 vac, $\pm 10\%$, 50/60Hz
- Series Lamp Operation

- Programmed Rapid Start
- Active Power Factor Correction

Lamp Type	No. of Lamps	Line Volts	Power Level	Input Watts	Nominal Line Amps	Ballast Factor	BEF	Power Factor	Harmonic Total	Crest Factor
F32T8	2	120	100%	57	0.48	0.88	1.54	> 99	< 10%	< 1.7
F32T8	2	120	50%	28	0.24	0.30	1.07	> 99	< 10%	< 1.7
F32T8	2	277	100%	56	0.21	0.88	1.57	> 95	< 10%	< 1.7
F32T8	2	277	50%	28	0.11	0.30	1.07	> 90	< 10%	< 1.7
F25T8	2	120	100%	46	0.39	0.84	1.83	> 99	< 10%	< 1.7
F25T8	2	120	50%	24	0.2	0.28	1.17	> 99	< 10%	< 1.7
F25T8	2	277	100%	46	0.18	0.84	1.83	> 90	< 10%	< 1.7
F25T8	2	277	50%	24	0.09	0.28	1.17	> 90	< 10%	< 1.7
F17T8	2	120	100%	30	0.25	0.87	2.90	> 99	< 10%	< 1.7
F17T8	2	120	50%	16	0.14	0.30	1.88	> 98	< 15%	< 1.7
F17T8	2	277	100%	30	0.12	0.87	2.90	> 88	< 10%	< 1.7
F17T8	2	277	50%	16	0.07	0.30	1.88	> 85	< 10%	< 1.7
F32T8	1	120	100%	29	0.25	0.88	3.03	> 99	< 10%	< 1.7
F32T8	1	120	50%	14	0.12	0.29	2.07	> 98	< 10%	< 1.7
F32T8	1	277	100%	29	0.12	0.88	3.03	> 85	< 10%	< 1.7
F32T8	1	277	50%	14	0.06	0.29	2.07	> 80	< 10%	< 1.7
F25T8	1	120	100%	24	0.21	0.85	3.54	> 98	< 10%	< 1.7
F25T8	1	120	50%	12	0.1	0.28	2.33	> 98	< 10%	< 1.7
F25T8	1	277	100%	24	0.11	0.85	3.54	> 80	< 10%	< 1.7
F25T8	1	277	50%	12	0.06	0.28	2.33	> 80	< 10%	< 1.7
F17T8	1	120	100%	16	0.14	0.88	5.50	> 95	< 15%	< 1.7
F17T8	1	120	50%	9	0.08	0.29	3.22	> 95	< 15%	< 1.7
F17T8	1	277	100%	16	0.08	0.88	5.50	> 70	< 10%	< 1.7
F17T8	1	277	50%	9	0.05	0.29	3.22	> 70	< 15%	< 1.7
F40T8	1	120	100%	38	0.32	0.95	2.50	> 95	< 10%	< 1.7
F40T8	1	120	50%	17	0.15	0.28	1.65	> 95	< 15%	< 1.7
F40T8	1	277	100%	38	0.15	0.95	2.50	> 90	< 10%	< 1.7
F40T8	1	277	50%	17	0.07	0.28	1.65	> 85	< 15%	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

Performance:

- Meets ANSI Standard C82.11
- Meets ANSI Standard C62.41
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits
- Auto Reset after Lamp Replacement
- End of Lamp Life Shutdown Circuitry
- Dimming Range: Step dimming to 50% input power

Safety:

- No PCB's
- cUL_{US} (Class P, Type 1 Outdoor, Type HL)
- Type CC

Physical Parameters

- Mounting Length: 8.89" (Center to Center)
- Overall Length: 9.50"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.7 lb
- Carton Quantity: 10 pieces
- Lead Lengths: Red & Blue 33" $\pm$ 1"
- Yellow 47" $\pm$ 1"
- Blk, Wht & Blk/Wht 25" $\pm$ 1"

Application:

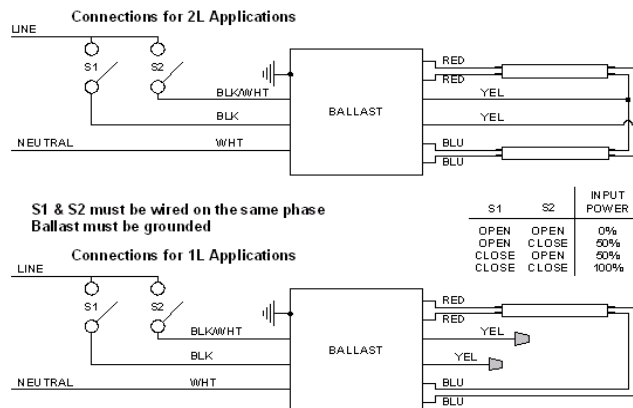
- Minimum Starting Temperature: 32 °F, 0 °C
Note: Check lamp requirements for dimming below 50°F
- Maximum Case Temperature(tc): 167 °F, 75 °C
- Sound Rating: A
- Remote mounting: Not recommended
- Tandem wiring: Not recommended
- Season new lamps by operating at full intensity for at least 100 hours before dimming

Warranty:

Universal Lighting Technologies 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.

Call 1-800-BALLASTx800 for technical assistance.

Manufactured in North America



Ballast must be grounded in accordance with national and local electric codes

Use of a star washer on the mounting foot is strongly recommended