

ES1608A

APPLICATION and PERFORMANCE SPECIFICATION ES-2/1-T8-32/25/17/15-UNV-A-IS

Description: Electronic ballast for (2/1) F32T8, (2/1) F25T8, (2/1) F17T8, and (2/1) F15T8.

• Line Voltage: 120 - 277 vac, ±10%, 50/60Hz

- Instant Start
- Series Lamp Operation

Model	Line Volts	Lamp		Input Watts	Nominal Line Amps	Ballast Factor	BEF	Power Factor	THD	Crest Factor
		Type	#							
ES1608A	120	F32T8	2	57	0.48	0.87	1.53	> .97	< 10%	< 1.7
ES1608A	277	F32T8	2	56	0.21	0.87	1.55	> .97	< 10%	< 1.7
ES1608A	120	F25T8	2	43	0.36	0.87	2.02	> .97	< 10%	< 1.7
ES1608A	277	F25T8	2	43	0.16	0.87	2.02	> .97	< 10%	< 1.7
ES1608A	120	F17T8	2	29	0.24	0.87	3.00	> .97	< 10%	< 1.7
ES1608A	277	F17T8	2	30	0.11	0.87	2.90	> .97	< 10%	< 1.7
ES1608A	120	F15T8	2	25	0.21	0.87	3.48	> .97	< 10%	< 1.7
ES1608A	277	F15T8	2	25	0.10	0.87	3.48	> .97	< 10%	< 1.7
ES1608A	120	F32T8	1	30	0.25	0.87	2.90	> .97	< 10%	< 1.7
ES1608A	277	F32T8	1	31	0.11	0.87	2.81	> .97	< 10%	< 1.7
ES1608A	120	F25T8	1	23	0.19	0.87	3.78	> .97	< 10%	< 1.7
ES1608A	277	F25T8	1	24	0.09	0.87	3.63	> .97	< 10%	< 1.7
ES1608A	120	F17T8	1	16	0.14	0.87	5.44	> .97	< 10%	< 1.7
ES1608A	277	F17T8	1	17	0.07	0.87	5.12	> .97	< 10%	< 1.7
ES1608A	120	F15T8	1	14	0.12	0.87	6.21	> .97	< 10%	< 1.7
ES1608A	277	F15T8	1	15	0.06	0.87	5.80	> .97	< 10%	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

Performance:

- Meets ANSI Standard C82.11
- Meets ANSI Standard C62.41-1991
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits
- Meets CSA Standard C22.2 No74-92

Safety:

- No PCB's
- UL listed, Type CC
- CSA Certified

Application:

- Minimum Starting Temperature: 0° F, -18° C
- Maximum Ambient Temperature: 122° F, 50° C
- Maximum Case Temperature (@ t_c): 194° F, 90° C
- Sound Rated: A
- Remote Mounting: 18 ft. max. lead length, 18 AWG

Physical Parameters:

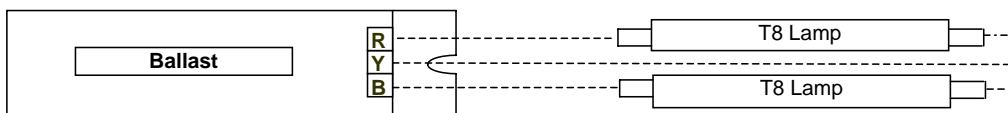
- Overall Length: 9.50"
- Width: 1.56"
- Mounting: 8.88"
- Height: 1.00"
- Weight: 0.44 lbs

Warranty:

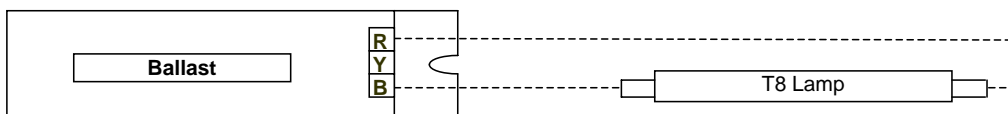
The manufacturer warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 3 years from date of manufacture when properly installed and under normal conditions of use.

- Manufactured in North America
- Install in accordance with the National Electrical Code.
- Keep ballast to lamp wires as short as possible.

- Use 18 AWG 600v solid copper wire, stripped to 3/8".
- Ballast Must be Grounded.
- Use External Ground Wire.



Two Lamp Application



One Lamp Application