

## IEA232T8120N /B

Ballast Type:	Electronic
Input Voltage:	120VAC ±10%
Input Frequency:	50/60 Hz.

Starting Method:	Instant Start
Lamp Connection:	Parallel
Unit Color:	Black

Unit Weight:	1.3 lb.
Carton Quantity:	40
Skid Quantity:	1200

### 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	F17T8	17	2	0.47	30	≥0.53	≤150	≤1.7	0.85	045A	2.83
120	F25T8	25	1	0.43	27	≥0.53	≤155	≤1.7	1.02	045A	3.78
			2	0.64	42	≥0.54	≤140	≤1.7	0.85	045A	2.02
120	F32T8	32	1	0.53	34	≥0.53	≤150	≤1.7	1.01	045A	2.97
			2	0.80	56	≥0.55	≤135	≤1.7	0.85	045A	1.52
120	F40T8	40	1	0.62	40	≥0.54	≤140	≤1.7	0.95	045A	2.38

### PERFORMANCE:

- Electronic ballast
- Instant Start
- Parallel operation
- Normal power factor
- Encased & potted
- Sound rated A
- Internal surge protection
- Meets FCC Part 18 (Class B) for EMI and RFI consumer limits
- Meets ANSI standard C82.11
- Meets ANSI standard C62.41

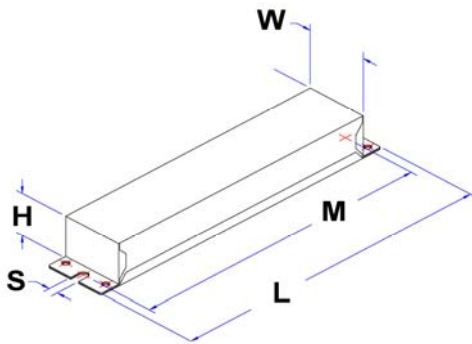
### APPLICATION:

- Maximum case temperature: 167°F/75°C
- Maximum ambient temperature: 104°F/40°C
- Minimum starting temperature: 0°F/-18°C
- Lamp starts: >15,000 starts
- Remote mounting: 18 ft.

### SAFETY:

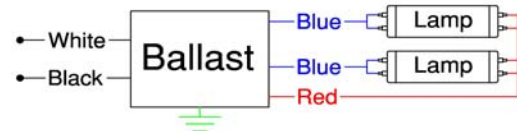
- UL/935 (Class P, Type HL, Type 1 outdoor) listed
- CSA certified (cUL)
- Inherent Thermal Protection
- No PCB's

### STYLE:

**12D**


H	W	L	M	S
1 1/16	1 3/8	9 7/16	8 7/8	9/32
1.06	1.38	9.44	8.88	0.28
2.69 cm	3.51 cm	23.98 cm	22.56 cm	0.71 cm

### WIRING DIAGRAM:

**045A**


For 1 Lamp applications, cap any unused blue lead, insulate 600V.

#### Standard lead lengths:

- Blk: 22"
- Wht: 22"
- Red: 46"
- Blu: (2) 30"

\* 3/8 Strip

### WARRANTY:

Robertson Worldwide warrants to the purchaser that this ballast will be free from defects in material or workmanship for a period of 2 years from date of manufacture when properly installed and under normal conditions of use. For more information on Robertson Worldwide 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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### ROBERTSON WORLDWIDE

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