

TECHNICAL INFORMATION BULLETIN

ELECTRONIC LINEAR FLUORESCENT BALLAST

PROGRAM START T8

ORDERING INFORMATION

Order code: 60013
 Description: E296T8PS120-277/N/HO/XTRM
 UPC: 69549600133
 Warranty: 3 years

GENERAL INFORMATION

Ballast type: Electronic
 Starting method: Program start
 Lamp connection: Independent
 Input voltage: 120-277V
 Input frequency: 50/60HZ
 Max. case temp.: 90 °C
 Status: Active
 Safety approval: 60013STD



SPECIFICATIONS AT 120V

Lamp type	Number of lamps	Rated lamp watts	Min. start temp. (°F / °C)	Input current (A)	Input power (ANSI watts)	Ballast factor	Max THD %	Power factor	Max. lamp current crest factor	B.E.F.
F96 T8HO	2	86	-22/-30	1.61	185	1	10	0.99	1.7	0.54
F96 T8HO	1	86	-22/-30	0.76	92	0.99	10	0.99	1.7	1.08
F72T8HO	2	65	-22/-30	1.21	140	0.94	10	0.99	1.7	0.67
F72T8HO	1	65	-22/-30	0.68	81	1	10	0.99	1.7	1.23
F60T8HO	2	55	-22/-30	1.04	118	0.92	10	0.99	1.7	0.78
F60T8HO	1	55	-22/-30	0.58	70	1	10	0.99	1.7	1.43
F48T8HO	2	44	-22/-30	0.84	98	0.95	10	0.99	1.7	0.97
F48T8HO	1	44	-22/-30	0.5	59	1.02	10	0.99	1.7	1.73

SPECIFICATIONS AT 230V

Lamp type	Number of lamps	Rated lamp watts	Min. start temp. (°F / °C)	Input current (A)	Input power (ANSI watts)	Ballast factor	Max THD %	Power factor	Max. lamp current crest factor	B.E.F.
F96 T8HO	2	86	-22/-30	0.82	188	1.03	15	0.99	1.7	0.55
F96 T8HO	1	86	-22/-30	0.41	94	1	15	0.99	1.7	1.06
F72T8HO	2	65	-22/-30	0.61	140	0.94	15	0.99	1.7	0.67
F72T8HO	1	65	-22/-30	0.35	81	1	20	0.99	1.7	1.23
F60T8HO	2	55	-22/-30	0.51	118	0.92	15	0.99	1.7	0.78
F60T8HO	1	55	-22/-30	0.30	70	1	20	0.99	1.7	1.43
F48T8HO	2	44	-22/-30	0.43	98	0.95	15	0.99	1.7	0.97
F48T8HO	1	44	-22/-30	0.26	59	1.02	20	0.99	1.7	1.73

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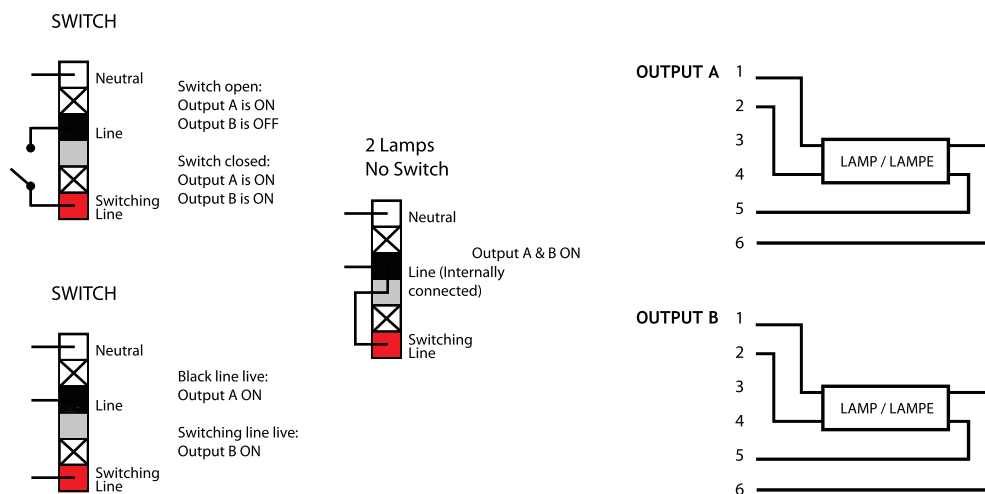
ELECTRONIC LINEAR FLUORESCENT BALLAST

PROGRAM START T8

SPECIFICATIONS AT 277V

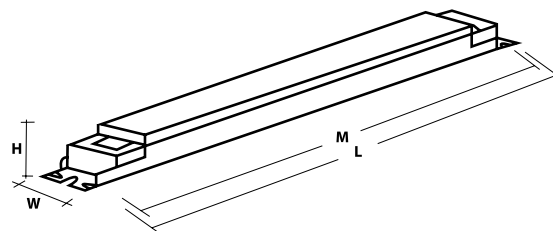
Lamp type	Number of lamps	Rated lamp watts	Min. start temp. (°F / °C)	Input current (A)	Input power (ANSI watts)	Ballast factor	Max THD %	Power factor	Max. lamp current crest factor	B.E.F.
F96 T8HO	2	86	-22/-30	0.683	188	1.03	15	0.99	1.7	0.55
F96 T8HO	1	86	-22/-30	0.34	94	1	15	0.99	1.7	1.06
F72T8HO	2	65	-22/-30	0.51	140	0.94	15	0.99	1.7	0.67
F72T8HO	1	65	-22/-30	0.29	81	1	20	0.99	1.7	1.23
F60T8HO	2	55	-22/-30	0.43	118	0.92	15	0.99	1.7	0.78
F60T8HO	1	55	-22/-30	0.25	70	1	20	0.99	1.7	1.43
F48T8HO	2	44	-22/-30	0.35	98	0.95	15	0.99	1.7	0.97
F48T8HO	1	44	-22/-30	0.21	59	1.02	20	0.99	1.7	1.73

WIRING DIAGRAM



BALLAST FEATURES

Length (L)	Width (W)	Height (H)	Mounting (M)
32.5 cm	6.4 cm	3 cm	31.7 cm
12.8 in	2.52 in	1.18 in	12.5 in



WARRANTY:

Ballast warranty of 5 years for electronic ballast 75 °C. Ballast warranty of 3 years for electronic ballast 90 °C. For more information visit our website.

Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.