

T8



HIGH FREQUENCY ELECTRONIC BALLASTS

Instant Start, Low Watt
Parallel

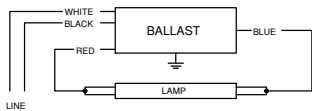
HIGH POWER FACTOR SOUND RATED A

Standard

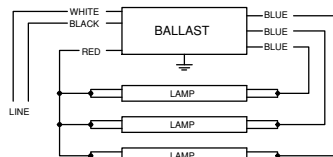
ELECTRONIC
FLUORESCENT

STANDARD

Lamp Data		Min. Starting Temp. (°F/°C)	Input Volts	Catalog Number	Certifications		Line Current (Amps)	Input Power ANSI (Watts)	Ballast Factor	Max. THD %	Min. Power Factor	Dim./ Wiring Diagram	
Number	Watts				UL	ETL							
F32T8, FB031T8, F32T8/U6													
1	32	0/-18	120	REL-1P32-LW-SC	✓	✓	0.24	29	0.75	20	0.98	Fig. B/63	
			277	VEL-1P32-LW-SC	✓	✓	0.11						
		0/-18	120	REL-2P32-LW-SC	✓	✓	0.30	33	0.93	30	0.90	Fig. B/*64	
			277	VEL-2P32-LW-SC	✓	✓	0.13						
2	32	0/-18	120	REL-2P32-LW-SC	✓	✓	0.44	51	0.75	20	0.98	Fig. B/64	
			277	VEL-2P32-LW-SC	✓	✓	0.19						
		0/-18	120	REL-3P32-LW-SC	✓	✓	0.49	59	0.87	20	0.98	Fig. B/*65	
			277	VEL-3P32-LW-SC	✓	✓	0.21						
		0/-18	347	120	GEL-2P32-LW-RH-TP	✓	✓	0.15	52	0.75	20	0.98	Fig. A/64
				277	VEL-2P32-LW-SC	✓	✓	0.15					
3	32	0/-18	120	REL-3P32-LW-SC	✓	✓	0.64	76	0.75	20	0.98	Fig. B/65	
			277	VEL-3P32-LW-SC	✓	✓	0.27						
		0/-18	120	REL-4P32-LW-SC	✓	✓	0.69	82	0.81	20	0.98	Fig. B/*66	
			277	VEL-4P32-LW-SC	✓	✓	0.29						
4	32	0/-18	120	REL-4P32-LW-SC	✓	✓	0.82	98	0.75	20	0.98	Fig. B/66	
			277	VEL-4P32-LW-SC	✓	✓	0.36						
			347	GEL-4P32-LW	✓	✓	0.29					Fig. A/66	
F40T8													
1	40	32/0	120	REL-2P32-LW-SC	✓	✓	0.34	39	0.88	25	0.95	Fig. B/*64	
			277	VEL-2P32-LW-SC	✓	✓	0.15						
2	40	32/0	120	REL-3P32-LW-SC	✓	✓	0.59	70	0.86	20	0.98	Fig. B/*65	
			277	VEL-3P32-LW-SC	✓	✓	0.26						
3	40	32/0	120	REL-4P32-LW-SC	✓	✓	0.82	98	0.81	20	0.98	Fig. B/*66	
			277	VEL-4P32-LW-SC	✓	✓	0.35						

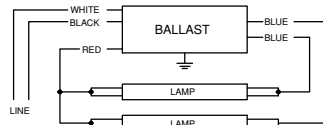


Diag. 63



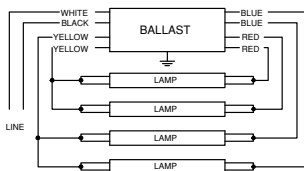
Diag. 65

* For Two Lamp Operation, insulate unused blue lead for 600 volts



Diag. 64

* For Single Lamp Operation, insulate unused blue lead for 600 volts



Diag. 66

* For Three Lamp Operation, insulate unused blue lead for 600 volts

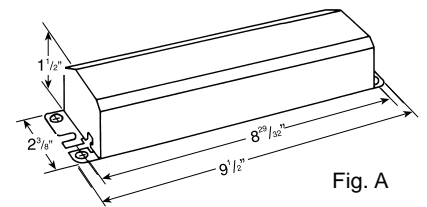


Fig. A

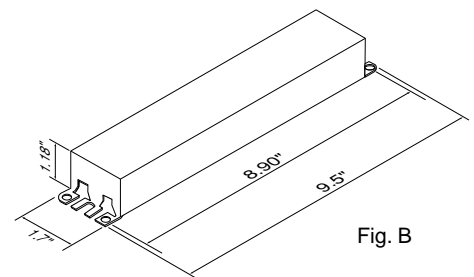


Fig. B

Refer to pages 8-32 to 8-41 for lead lengths and shipping data

HIGH FREQUENCY ELECTRONIC BALLASTS

Instant Start, Low Watt
Parallel

T8



HIGH POWER FACTOR SOUND RATED A

Standard

ELECTRONIC
FLUORESCENT

STANDARD

Lamp Data		Min. Starting Temp. (°F/°C)	Input Volts	Catalog Number	Certifications		Line Current (Amps)	Input Power ANSI (Watts)	Ballast Factor	Max. THD %	Min. Power Factor	Dim./ Wiring Diagram	
Number	Watts				UL	CSA							
F17T8, FB016T8													
1	17	0/-18	120	REL-1P32-LW-SC	✓	✓	0.17	18	0.87	25	0.90	Fig. B/63	
			277	VEL-1P32-LW-SC	✓	✓	0.08						
2	17	0/-18	120	REL-2P32-LW-SC	✓	✓	0.29	30	0.82	30	0.90	Fig. B/64	
			277	VEL-2P32-LW-SC	✓	✓	0.12						
		0/-18	120	REL-3P32-LW-SC	✓	✓	0.28	34	0.87	20	0.96	Fig. B/*65	
			277	VEL-3P32-LW-SC	✓	✓	0.13						
3	17	0/-18	120	REL-3P32-LW-SC	✓	✓	0.37	44	0.77	20	0.98	Fig. B/65	
			277	VEL-3P32-LW-SC	✓	✓	0.16						
		0/-18	120	REL-4P32-LW-SC	✓	✓	0.39	47	0.84	20	0.98	Fig. B/*66	
			277	VEL-4P32-LW-SC	✓	✓	0.17						
4	17	0/-18	120	REL-4P32-LW-SC	✓	✓	0.46	54	0.77	20	0.98	Fig. B/66	
			277	VEL-4P32-LW-SC	✓	✓	0.20						
F25T8, FB024T8													
1	25	0/-18	120	REL-1P32-LW-SC	✓	✓	0.21	24	0.82	20	0.95	Fig. B/63	
			277	VEL-1P32-LW-SC	✓	✓	0.09						
2	25	0/-18	120	REL-2P32-LW-SC	✓	✓	0.35	41	0.78	25	0.95	Fig. B/64	
			277	VEL-2P32-LW-SC	✓	✓	0.15						
		0/-18	120	REL-3P32-LW-SC	✓	✓	0.39	46	0.88	20	0.98	Fig. B/*65	
			277	VEL-3P32-LW-SC	✓	✓	0.17						
3	25	0/-18	120	REL-3P32-LW-SC	✓	✓	0.50	59	0.77	20	0.98	Fig. B/65	
			277	VEL-3P32-LW-SC	✓	✓	0.21						
		0/-18	120	REL-4P32-LW-SC	✓	✓	0.53	62	0.83	20	0.98	Fig. B/*66	
			277	VEL-4P32-LW-SC	✓	✓	0.22						
4	25	0/-18	120	REL-4P32-LW-SC	✓	✓	0.64	76	0.76	20	0.98	Fig. B/66	
			277	VEL-4P32-LW-SC	✓	✓	0.28						
			347	GEL-4P32-LW	✓	✓	0.23		0.79	21		Fig. A/66	
F28T8 (48") - Consult www.advancetransformer.com for operating characteristics of these ballasts.													
F32T8/ES (30W)													
1	30	60/15	120	REL-1P32-LW-SC	✓	✓	0.23	27	0.75	20	0.98	Fig. B/63	
			277	VEL-1P32-LW-SC	✓	✓	0.10						
			0/-18	120	REL-2P32-LW-SC	✓	✓	0.28	30	0.93	30	0.90	Fig. B/*64
				277	VEL-2P32-LW-SC	✓	✓	0.12					
2	30	60/15	120	REL-2P32-LW-SC	✓	✓	0.41	48	0.75	20	0.98	Fig. B/64	
			277	VEL-2P32-LW-SC	✓	✓	0.18						
			0/-18	120	REL-3P32-LW-SC	✓	✓	0.45	54	0.87	20	0.98	Fig. B/*65
				277	VEL-3P32-LW-SC	✓	✓	0.20					
3	30	60/15	120	REL-3P32-LW-SC	✓	✓	0.58	70	0.75	20	0.98	Fig. B/65	
			277	VEL-3P32-LW-SC	✓	✓	0.25						
			0/-18	120	REL-4P32-LW-SC	✓	✓	0.63	76	0.81	20	0.98	Fig. B/*66
				277	VEL-4P32-LW-SC	✓	✓	0.28					
4	30	60/15	120	REL-4P32-LW-SC	✓	✓	0.76	91	0.75	20	0.98	Fig. B/66	
			277	VEL-4P32-LW-SC	✓	✓	0.33						

Refer to pages 8-32 to 8-41 for lead lengths and shipping data

See Page 1-12 for Diagrams



GENERIC DCI NUMBER 781087	CATALOG NUMBER (GENERIC)	IC-PACK DCI NUMBER 781087	MID-PACK DCI NUMBER 781087	DISTRIBUTOR COST EACH	VOLUME CODE	DESCRIPTION INDICATES PRIMARY APPLICATION AND IS FOR REFERENCE ONLY. FOR COMPLETE DATA, SEE ADVANCE ATLAS.	IC-PACK MASTER PACK QTY.	MID-PACK STANDARD CARTON QTY.	UNIT WEIGHT
10169	VCN4P32SC	10169	10171	\$40.29	B	ELE BALLAST (4) F32T8 277V	10	20	1.0
08774	VCN4S32SC	08774	10393	42.30	B	ELE BALLAST (4) F32T8 277V	10	20	1.4
10673	VEL1P32HLSC	10673	10709	38.13	B	ELE BALLAST (1) F32T8 277V	10	20	1.6
10436	VEL1P32LWSC	10436	10398	29.44	A	ELE BALLAST (1) F32T8 277V	10	20	1.6
08484	VEL1P32SC	08484	08761	29.44	A	ELE BALLAST (1) F32T8 277V	10	20	1.2
11117	VEL1S40SC	11117	11118	32.31	B	ELE BALLAST (1) F40T12 277V	10	20	1.6
07313	VEL1TTS39	07313	08806	43.51	C	ELE BALLAST (1) 36/39W CFL (4-PIN) 277V	10	10	2.4
07253	VEL1TTS40	07253	10154	43.51	C	ELE BALLAST (1) 40W CFL (4-PIN) 277V	10	10	2.4
07222	VEL1TTS50	07222	08655	48.23	C	ELE BALLAST (1) 50W CFL (4-PIN) 277V	10	10	2.4
05204	VEL2P17RHTP	05204	07092	31.46	B	ELE BALLAST (2) F17T8 277V	10	10	2.4
10674	VEL2P32HLSC	10674	10710	38.13	B	ELE BALLAST (2) F32T8 277V	10	20	1.6
10438	VEL2P32LWSC	10438	10403	29.44	A	ELE BALLAST (2) F32T8 277V	10	20	1.6
08485	VEL2P32SC	08485	08762	29.44	A	ELE BALLAST (2) F32T8 277V	10	20	1.2
07268	VEL2P59HL	07268	10906	55.71	B	ELE BALLAST (2) F96T8 277V	6	6	2.75
04882	VEL2P59SRHTP	04882	08653	49.65	B	ELE BALLAST (2) F96T8 277V	10	10	2.75
07267	VEL2P75S	07267	10571	46.86	B	ELE BALLAST (2) F96T12 277V	6	6	4.5
07265	VEL2S110	07265	07333	57.12	B	ELE BALLAST (2) F96T12/HO 277V	6	6	4.5
11119	VEL2S40SC	11119	11120	32.31	B	ELE BALLAST (2) F40T12 277V	10	20	1.6
07263	VEL2S86	07263	07281	81.20	B	ELE BALLAST (2) F96T8/HO 277V	6	6	4.5
07197	VEL2TTS39	07197	08836	43.51	C	ELE BALLAST (2) 36/39W CFL (4-PIN) 277V	10	10	2.4
07199	VEL2TTS40	07199	08807	43.51	C	ELE BALLAST (2) 40W CFL (4-PIN) 277V	10	10	2.4
10362	VEL2TTS40LW	10362	08775	43.51	C	ELE BALLAST (2) 40W CFL (4-PIN) 277V	10	10	2.4
07201	VEL2TTS50	07201	08808	48.23	C	ELE BALLAST (2) 50W CFL (4-PIN) 277V	10	10	2.4
10705	VEL3P32HLSC	10705	10711	42.16	B	ELE BALLAST (3) F32T8 277V	10	10	1.0
10583	VEL3P32LWSC	10583	10585	33.36	A	ELE BALLAST (3) F32T8 277V	10	20	1.4
10183	VEL3P32SC	10183	10185	33.36	A	ELE BALLAST (3) F32T8 277V	10	20	1.0
04905	VEL3S40RHTP	04905	07248	36.35	B	ELE BALLAST (3) F40T12 277V	10	10	2.75
08643	VEL4P32LS	08643	08738	44.91	C	ELE STEP DIMMING BALLAST (4) F32T8 277V	10	10	2.75
10633	VEL4P32LWSC	10633	10635	36.81	A	ELE BALLAST (4) F32T8 277V	10	20	1.4
10187	VEL4P32SC	10187	10189	36.81	A	ELE BALLAST (4) F32T8 277V	10	20	1.0
10979	VEZ132SC	10979	10980	84.95	B	ELE DIMMING BALLAST (1) F32T8 277V	10	20	1.0
11450	VEZ1T42M2BS	-	11451	96.50	B	ELE DIM BALLAST (1) 42W CFL (4-PIN) 277V	-	16	0.75
11455	VEZ1T42M2LD	-	11456	94.40	B	ELE DIM BALLAST (1) 42W CFL (4-PIN) 277V	-	20	0.75
08860	VEZ1TTS40	-	10809	93.56	B	ELE DIM BALLAST (1) 40W CFL (4-PIN) 277V	-	10	1.5
11441	VEZ2Q26M2BS	-	11443	96.50	B	ELE DIM BALLAST (2) 26W CFL (4-PIN) 277V	-	16	0.75
11446	VEZ2Q26M2LD	-	11447	94.40	B	ELE DIM BALLAST (2) 26W CFL (4-PIN) 277V	-	20	0.75
10981	VEZ2S32SC	10981	10982	84.95	B	ELE DIMMING BALLAST (2) F32T8 277V	10	20	1.0
11459	VEZ2T42M3BS	-	11460	96.50	B	ELE DIM BALLAST (2) 42W CFL (4-PIN) 277V	-	16	1.0
11463	VEZ2T42M3LD	-	11646	94.40	B	ELE DIM BALLAST (2) 42W CFL (4-PIN) 277V	-	20	1.0
08689	VEZ2TTS40	-	10813	93.56	B	ELE DIM BALLAST (2) 40W CFL (4-PIN) 277V	-	10	1.5
10698	VEZ3S32SC	10698	10839	93.45	B	ELE DIMMING BALLAST (3) F32T8 277V	10	20	1.4
07140	VIC132	07140	10921	51.45	C	ELE BALLAST (1) F32T8 277V	10	10	1.5
07142	VIC2S32	07142	10922	51.45	C	ELE BALLAST (2) F32T8 277V	10	10	1.5
07144	VIC3S32	07144	10923	55.65	C	ELE BALLAST (3) F32T8 277V	10	10	1.5
11835	VOP2P32LWSC	-	11834	35.52	C	ELE BALLAST (2) F32T8 277V	-	20	1.6
11817	VOP2P32SC	-	11816	35.52	C	ELE BALLAST (2) F32T8 277V	-	20	1.2
11837	VOP3P32LWSC	-	11836	39.44	C	ELE BALLAST (3) F32T8 277V	-	20	1.4
11819	VOP3P32SC	-	11818	39.44	C	ELE BALLAST (3) F32T8 277V	-	20	1.0
11839	VOP4P32LWSC	-	11838	42.89	C	ELE BALLAST (4) F32T8 277V	-	20	1.4
11821	VOP4P32SC	-	11820	42.89	C	ELE BALLAST (4) F32T8 277V	-	20	1.0
07100	VZT132	-	10924	84.95	B	ELE DIMMING BALLAST (1) F32T8	-	10	1.5
08858	VZT1TTS40	-	10824	93.56	B	ELE DIM BALLAST (1) 40W CFL (4-PIN) 277V	-	10	1.5
07102	VZT2S32	07102	10925	84.95	B	ELE DIMMING BALLAST (2) F32T8 277V	10	10	1.5
08686	VZT2TTS40	-	10827	93.56	B	ELE DIM BALLAST (2) 40W CFL (4-PIN) 277V	-	10	1.5
07104	VZT3S32	07104	10926	93.56	B	ELE DIMMING BALLAST (3) F32T8 277V	10	10	1.5
10270	XEL2P32SC	-	10565	43.58	C	ELE BALLAST (2) F32T8 220V	-	20	1.6

NOTES: IC-PACK BALLASTS ARE INDIVIDUALLY PACKAGED CONTAINING A BALLAST WITH STANDARD LEAD LENGTHS. MASTER PACK QUANTITY IS A BUNDLE OF IC-PACKS.
MID-PACK BALLASTS ARE NOT INDIVIDUALLY PACKAGED AND CONTAIN BALLASTS WITH STANDARD LEAD LENGTHS. WHEN ORDERING BY CATALOG NUMBER, PLEASE ADD SUFFIX 35I TO DESIGNATE AN IC-PACK OR SUFFIX 35M TO DESIGNATE A MID-PACK EXCEPT FOR KITS WHICH NEED NO SUFFIX.
WHEN ORDERING BY DCI NUMBER, PLEASE USE CORRECT PACKAGING DCI NUMBER REFERENCED ABOVE.

EXAMPLE: REL2P32SC35I OR 08483 DENOTES IC-PACK AND REL2P32SC35M OR 08760 DENOTES MID-PACK.