

ESD-A40PBXM

Type: Programmed Rapid Start Electronic Ballast

Lamp Types:

One or Two FT40W, FT39W or FT36W, FT28/ES or FT25/ES

SLI lamps or cross reference GE, Philips, Sylvania/OSRAM lamps



SPECIFICATIONS

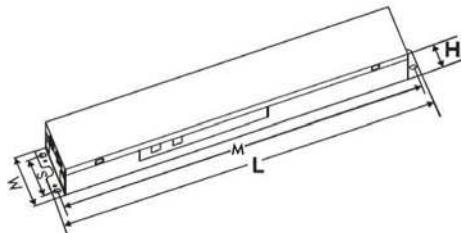
Input Voltage	Number of Lamps	Lamp Type	Lamp Watts	Input Watts (typical)	Input Current (typical)	Power Factor	Max THD	Crest Factor	Ballast Factor	Bench Heat Test at 25°C Ambient
120V	2	FT40W	40W	75W	0.62A	0.99	<10%	<1.7	0.90	55° C
120V	1	FT40W	40W	43W	0.36A	0.98	<10%	<1.7	0.98	53° C
120V	2	FT39W	39W	65W	0.54A	0.99	<10%	<1.7	0.65	55° C
120V	1	FT39W	39W	35W	0.29A	0.99	<15%	<1.7	0.69	48° C
120V	2	FT36W	36W	61W	0.51A	0.99	<10%	<1.7	0.75	40° C
120V	1	FT36W	36W	34W	0.28A	0.99	<15%	<1.7	0.75	36° C
120V	2	FT28/ES	28W	70W	0.59A	0.99	<10%	<1.7	0.90	53° C
120V	1	FT28/ES	28W	39W	0.33A	0.98	<15%	<1.7	0.98	48° C
120V	2	FT25/ES	25W	65W	0.55A	0.99	<10%	<1.7	0.90	52° C
120V	1	FT25/ES	25W	36W	0.30A	0.98	<15%	<1.7	0.98	45° C
230V	2	FT40W	40W	76W	0.33A	0.99	<10%	<1.7	0.94	53° C
230V	1	FT40W	40W	44W	0.19A	0.98	<10%	<1.7	0.98	54° C
230V	2	FT39W	39W	64W	0.28A	0.99	<10%	<1.7	0.65	47° C
230V	1	FT39W	39W	36W	0.15A	0.98	<10%	<1.7	0.71	43° C
230V	2	FT36W	36W	62W	0.27A	0.99	<10%	<1.7	0.75	42° C
230V	1	FT36W	36W	35W	0.15A	0.98	<15%	<1.7	0.76	39° C
230V	2	FT28/ES	28W	70W	0.31A	0.98	<10%	<1.7	0.90	53° C
230V	1	FT28/ES	28W	39W	0.17A	0.97	<15%	<1.7	0.98	48° C
230V	2	FT25/ES	25W	65W	0.29A	0.98	<10%	<1.7	0.90	52° C
230V	1	FT25/ES	25W	36W	0.16A	0.97	<15%	<1.7	0.98	45° C
277V	2	FT40W	40W	76W	0.27A	0.99	<10%	<1.7	0.94	54° C
277V	1	FT40W	40W	44W	0.16A	0.98	<15%	<1.7	0.98	54° C
277V	2	FT39W	39W	64W	0.23A	0.98	<10%	<1.7	0.65	51° C
277V	1	FT39W	39W	36W	0.13A	0.97	<20%	<1.7	0.71	49° C
277V	2	FT36W	36W	62W	0.22A	0.98	<10%	<1.7	0.75	41° C
277V	1	FT36W	36W	35W	0.13A	0.96	<20%	<1.7	0.76	37° C
277V	2	FT28/ES	28W	70W	0.26	0.98	<10%	<1.7	0.90	53° C
277V	1	FT28/ES	28W	39W	0.15	0.97	<15%	<1.7	0.98	48° C
277V	2	FT25/ES	25W	65W	0.24	0.98	<10%	<1.7	0.90	52° C
277V	1	FT25/ES	25W	36W	0.13	0.97	<15%	<1.7	0.98	45° C

SAFETY & PERFORMANCE

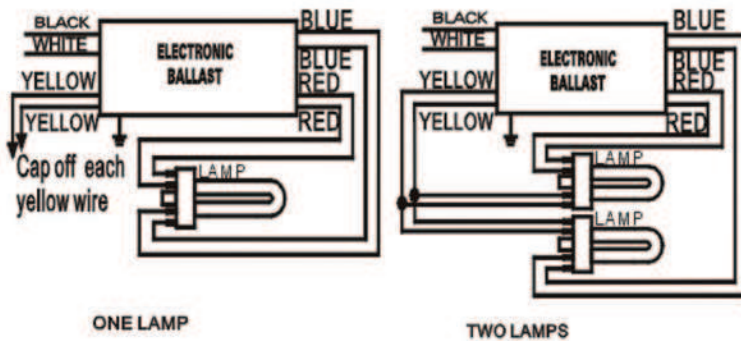
- 120V-277V, 50-60Hz Input Voltage
- UL Listed
- cUL Listed
- Type HL
- Type 1 Outdoor
- EMI/RFI: Meets FCC Part 18 Subpart C
- Class P Thermally Protected
- Overcurrent Protection
- Auto Restart
- Surge Protection
- No PCBs

APPLICATION

- Minimum Starting Temp -18°C
- Maximum Case Temp 75°C
- Remote Wiring Length up to 18 ft



Dimensions	
Length (L)	9.5"
Width (W)	1.69"
Height (H)	1.14"
Mounting (M)	8.9"
Mounting (S)	1.22"
Hole Diameter	0.29"
Weight	1.45 lbs.
Case Qty.	20 pcs.



Wiring Lengths	
Black	16.5"
White	16.5"
Blue	31"
Red	31"
Yellow	46.5"

INSTALLATION

- Install in accordance with the National Electrical Code
- Use with 600V rated wire
- Use external ground wire
- Do not connect any lamp lead to neutral
- Mounting side of ballast package must be in complete contact with metallic fixture surface for proper thermal dissipation

WARRANTY

AC Electronics warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 5 years from the date of manufacture when properly installed and under normal conditions of use.



Administration & Distribution Center: 3401 Avenue D, Arlington, TX 76011 • 1-800-375-6355 • www.ace-ballast.com

Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

