

T12 Standard

Standard Electronic Ballasts for T12 Lamps



The Department of Energy (DOE) Ballast Ruling, effective April 1, 2005, prevents the sale of numerous magnetic ballasts that operate T12 lamps to OEM Fixture Manufacturers. Magnetic replacement ballasts can be sold through Electrical Distribution until July 1, 2010.

Advance offers a full line of electronic options that exceed the DOE performance requirements for T12 ballasts. T12 Standard ballasts cover a wide range of applications and operates T12 fluorescent lamps more efficiently... up to 16% or more versus magnetic! Whether your customer's application need is **T12 four foot, Slimline** or **High Output** lamps, all of Advance's T12 Standard ballasts operate both **energy saving** and **standard lamps**.



With the very same mounting and wiring configurations as your current T12 magnetic ballast, Advance made converting a magnetic fixture to an electronic one effortless. Advance's line of T12 Standard ballasts, is just another part of the broadest electronic ballast product line in the industry!

Below is a list of electronic ballasts for T12 lamps now available for new fixtures or to replace magnetic ballasts that do not meet the DOE Ballast Ruling.

Existing Magnetic T12	Replacement Ballast		
	T12 Electronic	Feature	Benefits
***Most T12 Standard Ballasts Include a 5-year Warranty			
R-2S40-TP V-2S40-TP Commercial Application	① REL-2S40-SC VEL-2S40-SC	<ul style="list-style-type: none"> • Same wiring configuration as magnetic • Operates both Energy Saver 34W & Standard 40W lamps • Lighter weight and lower profile with same mounting 	<ul style="list-style-type: none"> • Reduced labor costs • No need to change preferred lamp type • Smaller and more flexible fixture designs
R-2S40-TP Residential Application	② NEW! RELB-2S40-SC	<ul style="list-style-type: none"> • Same wiring configuration as magnetic • Operates both Energy Saver 34W & Standard 40W lamps • Meets FCC Class B - consumer rated • Lighter weight and lower profile with same mounting <p style="text-align: right;"><i>Note: 3-year warranty</i></p>	<ul style="list-style-type: none"> • Reduced labor costs • No need to change preferred lamp type • No Electromagnetic Interference (EMI). Ideal for residential use. • Smaller and more flexible fixture designs
R-2E75-S-TP V-2E75-S-TP	③ NEW! REL-2P60-S-A* VEL-2P75-S	<ul style="list-style-type: none"> • Operates both Energy Saver 60W & Standard 75W lamps • 0°F starting temperature for 57W & 75W lamps* • Parallel wiring • Smaller (9.5") and lighter (2.4 lbs.)* • Lighter weight 	<ul style="list-style-type: none"> • Lamps operate independently of one another • No need to change preferred lamp type • 60W energy saver lamp for increased system efficiency • More flexible fixture designs
RS-2S110-TP VS-2S110-TP	④ REL-2S110 VEL-2S110	<ul style="list-style-type: none"> • Same wiring configuration as magnetic • Operates both Energy Saver 95W & Standard 110W lamps • Lighter weight and smaller profile with same mounting <p style="text-align: right;"><i>Note: Mark III meets DOE Ruling</i></p>	<ul style="list-style-type: none"> • Reduced labor costs • No need to change preferred lamp type • 95W energy saver lamp for increased system efficiency • More flexible fixture designs

① Office



② Residential



③ Warehouse



④ Industrial



T12 Electronic Ballast Specifications

Product Number	Lamp Type	Starting Temp.	Input Current (Amps)	Input Power (Watts)	Ballast Factor	Max. THD	Power Factor	Dimension Wiring Diag.
REL-2S40-SC	(2) 34W	60°F	0.52	60	0.85	20	0.98	Fig. B / 21
	(2) 40W	50°F	0.62	71	0.85			
VEL-2S40-SC	(2) 34W	60°F	0.22	60	0.85	20	0.98	Fig. B / 21
	(2) 40W	50°F	0.25	71	0.85			
RELB-2S40-SC	(2) 34W	60°F	0.53	62	0.85	20	0.98	Fig. B / 21
	(2) 40W	50°F	0.61	72	0.85			
REL-2P60-S-A	(2) 60W	60°F	0.88	105	0.88	20	0.98	Fig. A / 64-A
	(2) 75W	0°F	1.13	135	0.88			
VEL-2P75-S	(2) 60W	60°F	0.39	107	0.85	20	0.98	Fig. C / 64
	(2) 75W	50°F	0.49	132	0.85			
REL-2S110	(2) 95W	60°F	1.44	170	0.89	20	0.98	Fig. C / 21
	(2) 110W	-20°F	1.74	205	0.89			
VEL-2S110	(2) 95W	60°F	0.63	170	0.89	20	0.98	Fig. C / 21
	(2) 110W	-20°F	0.76	205	0.89			

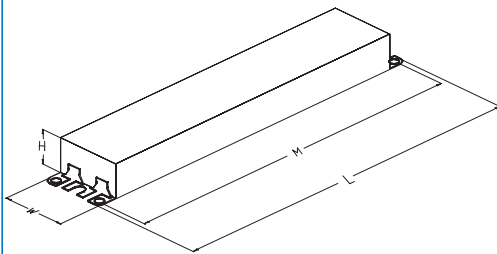


Fig. A
9.5"(L) x 2.3"(W) x 1.5"(H) x 9.8"(M)

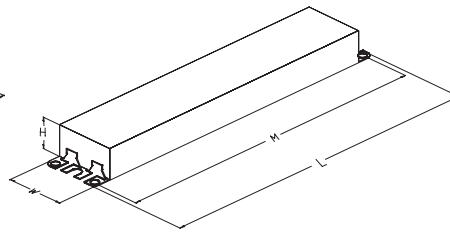


Fig. B
9.5"(L) x 1.7"(W) x 1.18"(H) x 9.8"(M)

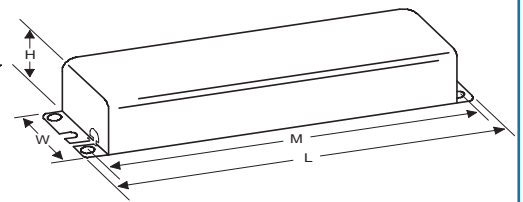
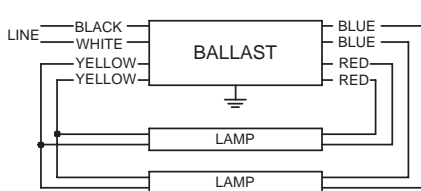
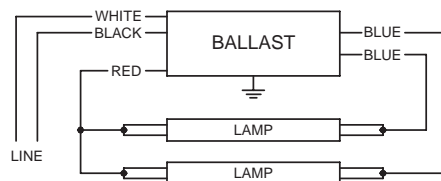


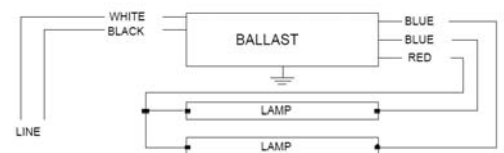
Fig. C.
11.75"(L) x 2.87"(W) x 1.78"(H) x 11.14"(M)



Diag. 21



Diag. 64



Diag. 64-A