

PREMIUM/HF

ELECTRONIC BALLAST FOR T8/TC-L FLUORESCENT LAMPS



FEATURES

- ➔ 3rd party certified EU-LVD and EMC directive by ETS-PS
- ➔ Constant output power during the changing of the voltage supply.
- ➔ Very low input current harmonics between 5% and 10%.
- ➔ Full protection of electronic circuit and safety shutdown for defective lamps.
- ➔ Various lamp powers from 10W to 110W.
- ➔ Fully complied to IEC 60929.
- ➔ Recommended for airports, hospitals, computer rooms and highly sensitive neutral current stability areas.

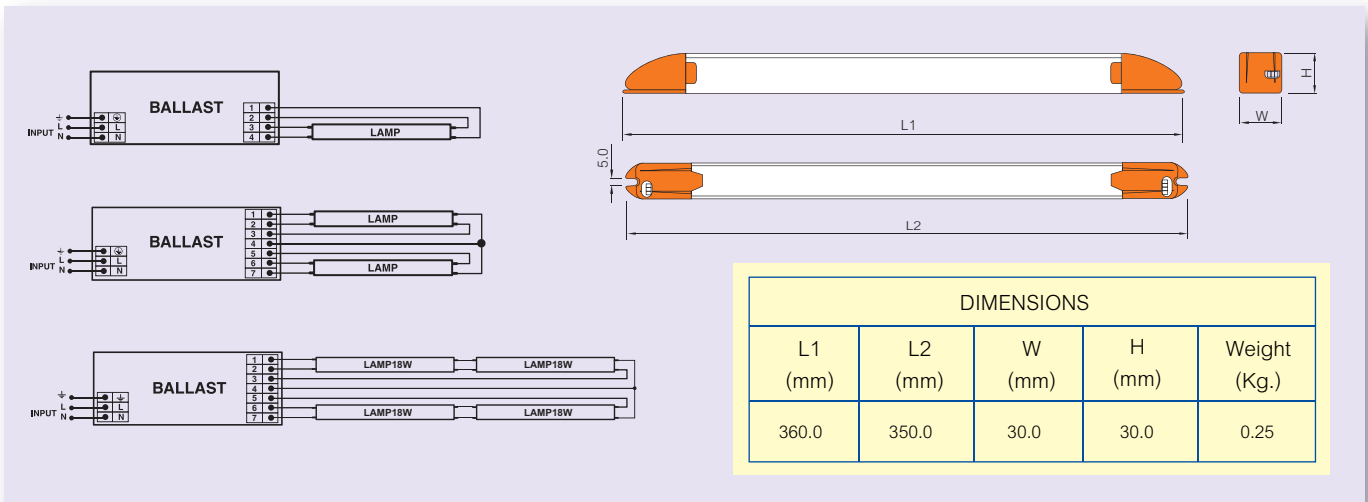
LAMPS



BALLAST SPECIFICATION

Safety Input Voltage Range	154 to 265 Volts	De-activated Lamp Protection	Automatic Restart
Operating Input Voltage	176 to 255 Volts	Removal of Lamp	IEC 60929
Input Voltage for Constant Light Output	198 to 253 Volts	Lamp Fail Protection	IEC 60929
Power Factor	0.99	End of Lamp Life Protection	Automatic Restart
DC Voltage Operation	175 to 240 Volts DC	Electromagnetic Compatibility (EMC)	EN 55015, EN 55022
Input Current Harmonics	IEC 61000-3-2/-3	Immunity	IEC 61547
Total Harmonics Distortion (%THDi)	< 5% (1x55W), <10%		(IEC 61000-4-2/-3/-4/-5/-6)
Maximum Case Temperature (t _c)	90°C	Main Transient Over Voltage	IEC 60929
Environmental Operating Temperature (t _a)	0 to 50°C	Sinusoidal Vibration Test	IEC 60068-2-6 FC
Maximum Relative Humidity	90% non - condensing	Lamp Current Crest Factor	<1.5
Safety	IEC 61347-1, IEC 61347-2-3	Lamp Flicker	Flicker Free
Withstanding Voltage	IEC 61347-2-3	Output Frequency	25 to 60 kHz
Guaranteed Withstanding Voltage	2500 Vac	Ballast Lumen Factor	0.95
Insulation Resistance	>2 MΩ	Lamp Starting	Preheat
Endurance	IEC 60929	Lamp Cable Length	1.5 m. MAX
		Case & Connection	Aluminum & Terminal Block

TECHNICAL DATA AND DIMENSION



TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamps	Nominal Input Power (W)	Nominal Line Current (A)
PREMIUM 1x18W	EBLSLT8 22011800 00000	220	T8(Ø26.0mm.)	19.0	0.087
		230	T8(Ø26.0mm.)	19.0	0.083
HF1x32W option Preheat	EBLSLT8 22013200 00000	220	T8(Ø26.0mm.)	35.0	0.156
		230	T8(Ø26.0mm.) Preheat	35.0	0.149
HF 1x32W	EBLSLHF 22013200 00000	220	T8(Ø26.0mm.)	32.0	0.137
		230	T8(Ø26.0mm.) Rapid Start	32.0	0.131
PREMIUM 1x36W	EBLSLT8 22013600 00000	220	T8(Ø26.0mm.)	36.0	0.165
		230	T8(Ø26.0mm.)	36.0	0.158
PREMIUM 1x55W TC-L 1x58WT8	EBLSLT8 22015800 00000	220	TC-L	56.0	0.257
		230	TC-L	56.0	0.245
		220	T8(Ø26.0mm.)	58.0	0.266
		230	T8(Ø26.0mm.)	58.0	0.254

TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamps	Nominal Input Power (W)	Nominal Line Current (A)
PREMIUM 2x18W	EBLSLT8 22021800 00000	220	T8(Ø26.0mm.)	38.0	0.175
		230	T8(Ø26.0mm.)	38.0	0.167
HF2x32W option Preheat	EBLSLT8 22023200 00000	220	T8(Ø26.0mm.)	66.0	0.298
		230	T8(Ø26.0mm.) Preheat	66.0	0.285
HF 2x32W	EBLSLHF 22023200 00000	220	T8(Ø26.0mm.)	64.0	0.279
		230	T8(Ø26.0mm.) Rapid Start	64.0	0.267
PREMIUM 2x36W	EBLSLT8 22023600 00000	220	T8(Ø26.0mm.)	72.0	0.330
		230	T8(Ø26.0mm.)	72.0	0.316
PREMIUM 2x55W TC-L 2x58W T8	EBLSLT8 22025800 00000	220	TC-L	110.0	0.505
		230	TC-L	110.0	0.483
		220	T8(Ø26.0mm.)	116.0	0.532
		230	T8(Ø26.0mm.)	116.0	0.509
PREMIUM 4x18W	EBLSLT8 22041800 00000	220	T8(Ø26.0mm.)	74.0	0.339
		230	T8(Ø26.0mm.)	74.0	0.325

Note :

1. All tolerances comply with IEC 60929.
2. Not suitable for leading or trailing edge phase-cut dimmer.
3. Lamp starting aid may be required at temperature below 10°C.
4. Low temperature application below 15°C, the lamp should be jacketed or covered to obtain optimum light output.
5. Specifications are subject to change without prior notice.

