

ELECTRONIC BALLAST FOR T5 FLUORESCENT LAMPS

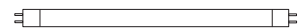


FEATURES

- ➔ Slim look with poly carbonate case for better environmental friendly.
- ➔ Provide parallel output with constant light feature.
- ➔ Suitable for frequent switching application.
- ➔ 3rd party fully certified EU-LVD and EMC directive approval.
- ➔ Recommended for new design T5 luminaire.

LAMP

T5/(G5)



BALLAST SPECIFICATION

Safety Input Voltage Range	154 to 265 Volts	Removal of Lamp	IEC 60929
Operating Input Voltage	176 to 255 Volts	Lamp Fail Protection	IEC 60929
Input Voltage for Constant Light Output	198 to 253 Volts	End of Lamp Life Protection	Automatic Restart
Power Factor	0.99	Under Voltage Protection	Electronic Shutdown
DC Voltage Operation	175 to 230 Voltage DC	Electromagnetic Compatibility (EMC)	EN 55015, EN 55022, TIS1955
Input Current Harmonics	IEC 61000-3-2/-3	Immunity	IEC 61547
Total Harmonics Distortion (%THDi)	<10%		(EN 61000-4-2/-3/-4/-5/-6/-11)
Maximum Case Temperature (t _c)	90°C	Main Transient Over Voltage	IEC 60929
Environmental Operating Temperature (t _a)	-10 to 50°C	Energy Efficiency	EEL=A2 (CELMA), No.5 (EGAT)
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 70 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
De-activated Lamp Protection	Automatic Restart	Case & Connection	PC & Terminal Block
		Life Time	300,000 Hours (t _a = 25°C)
			200,000 Hours (t _a = 35°C)
			150,000 Hours (t _a = 50°C)



TECHNICAL DATA AND DIMENSION

DIMENSIONS				
L1 (mm)	L2 (mm)	W (mm)	H (mm)	Weight (kg)
320.0	312.0	30.0	30.0	0.25

TECHNICAL DATA						TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (A)	Model	Product Code	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (A)
SLIM 1x14W	EBLSLT5 22011400 00000	220	T5	17.0	0.078	SLIM 2x14W	EBLSLT5 22021400 00000	220	T5	33.0	0.152
		230	T5	17.0	0.075			230	T5	33.0	0.145
SLIM 1x21W	EBLSLT5 22012100 00000	220	T5	24.0	0.110	SLIM 2x21W	EBLSLT5 22022100 00000	220	T5	47.0	0.216
		230	T5	24.0	0.105			230	T5	47.0	0.206
SLIM 1x28W	EBLSLT5 22012800 00000	220	T5	31.0	0.142	SLIM 2x28W	EBLSLT5 22022800 00000	220	T5	61.0	0.280
		230	T5	31.0	0.136			230	T5	61.0	0.268
SLIM 1x35W	EBLSLT5 22013500 00000	220	T5	38.0	0.174	SLIM 2x35W	EBLSLT5 22023500 00000	220	T5	76.0	0.349
		230	T5	38.0	0.167			230	T5	76.0	0.334

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.

