

PREMIUM COMPACT

ELECTRONIC BALLAST FOR COMPACT FLUORESCENT LAMPS



FEATURES

- ➔ Built specifically for the most elegant lighting fixtures.
- ➔ Provides superior quality light output and better energy saving.
- ➔ 3rd party fully certified EU-LVD and EMC directive approval.
- ➔ High power factor, low current harmonic and electronic short circuit protection.
- ➔ Recommended for showrooms, decorated areas and department stores.

LAMPS

TC-TE / (G24q-1, G24q-2, G24q-3, GX24q-3, GX24q-4)



TC-DE / (G24q-1, G24q-2, G24q-3)



TC-SE / (2G7)



BALLAST SPECIFICATION

Safety Input Voltage Range	154 to 275 Volts
Operating Input Voltage	176 to 255 Volts
Input Voltage for Constant Light Output	198 to 253 Volts
Power Factor	0.99
DC Voltage Operation	170 to 200 Voltage DC
Input Current Harmonics	IEC 61000-3-2/-3
Total Harmonics Distortion (%THDi)	<10%
Maximum Case Temperature (tc)	90°C
Environmental Operating Temperature (ta)	0 to 50°C
Maximum Relative Humidity	90% non - condensing
Safety	IEC 61347-1, IEC 61347-2-3
Withstanding Voltage	IEC 61347-2-3
Guaranteed Withstanding Voltage	2500 Vac
Insulation Resistance	>2 MΩ
Endurance	IEC 60929
De-activated Lamp Protection	Automatic Restart
Removal of Lamp	IEC 60929

Lamp Fail Protection	IEC 60929
End of Lamp Life Protection	Automatic Restart
Under Voltage Protection	Electronic Shutdown
Electromagnetic Compatibility (EMC)	EN 55015, EN 55022
Immunity	IEC 61547 (EN 61000-4-2/-3/-4/-5/-6/-11)
Main Transient Over Voltage	IEC 60929
Energy Efficiency	EEL=A2 (CELMA)
Lamp Current Crest Factor	<1.7
Lamp Flicker	Non Visible
Output Frequency	25 to 60 kHz
Ballast Lumen Factor	0.95
Lamp Starting	Preheat
Lamp Cable Length	0.8 m. MAX
Case & Connection 1x	PC & Terminal Block
Case & Connection 2x	Aluminum & Terminal Block



TECHNICAL DATA AND DIMENSION

DIMENSIONS					
L1 (mm)	L2 (mm)	L3 (mm)	W (mm)	H (mm)	Weight (Kg.)
123.0	98.5	110.0	79.0	33.0	0.25

TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (A)
PREMIUM COMPACT 1x9W TC-TE/DE	EBLPACD 22010900	220	TC-TE/DE	12.0	0.055
		230	TC-TE/DE	12.0	0.053
PREMIUM COMPACT 1x11W TC-TE/DE	EBLPACD 22011100	220	TC-TE/DE	14.0	0.064
		230	TC-TE/DE	14.0	0.061
PREMIUM COMPACT 1x13W TC-TE/DE	EBLPACD 22011300	220	TC-TE/DE	17.0	0.078
		230	TC-TE/DE	17.0	0.074
PREMIUM COMPACT 1x18W TC-TE/DE	EBLPACD 22011800	220	TC-TE/DE	21.0	0.096
		230	TC-TE/DE	21.0	0.092

TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (A)
PREMIUM COMPACT 1x26W TC-TE/DE	EBLPACD 22012600	220	TC-TE/DE	30.0	0.138
		230	TC-TE/DE	30.0	0.132
PREMIUM COMPACT 1x32W TC-TE/DE	EBLPACD 22013200	220	TC-TE/DE	36.0	0.165
		230	TC-TE/DE	36.0	0.158
PREMIUM COMPACT 1x42W TC-TE/DE	EBLPACD 22014200	220	TC-TE/DE	46.0	0.211
		230	TC-TE/DE	46.0	0.202

Note :

1. All tolerances comply with IEC 60929.
2. Not suitable for leading or trailing edge phase-cut dimmer.
3. Specifications are subject to change without prior notice.



TECHNICAL DATA AND DIMENSION

DIMENSIONS					
L1 (mm)	L2 (mm)	L3 (mm)	W (mm)	H (mm)	Weight (Kg.)
158.0	134.0	146.0	102.0	38.0	0.37

TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (A)
PREMIUM COMPACT 2x9W TC-TE/DE	EBLPACD 22020900	220	TC-TE/DE	22.0	0.101
		230	TC-TE/DE	22.0	0.096
PREMIUM COMPACT 2x11W TC-TE/DE	EBLPACD 22021100	220	TC-TE/DE	26.0	0.119
		230	TC-TE/DE	26.0	0.114
PREMIUM COMPACT 2x13W TC-TE/DE	EBLPACD 22021300	220	TC-TE/DE	30.0	0.137
		230	TC-TE/DE	30.0	0.132
PREMIUM COMPACT 2x18W TC-TE/DE	EBLPACD 22021800	220	TC-TE/DE	42.0	0.193
		230	TC-TE/DE	42.0	0.184

TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (A)
PREMIUM COMPACT 2x26W TC-TE/DE	EBLPACD 22022600	220	TC-TE/DE	58.0	0.266
		230	TC-TE/DE	58.0	0.255
PREMIUM COMPACT 2x32W TC-TE/DE	EBLPACD 22023200	220	TC-TE/DE	70.0	0.321
		230	TC-TE/DE	70.0	0.307
PREMIUM COMPACT 2x42W TC-TE/DE	EBLPACD 22024200	220	TC-TE/DE	90.0	0.413
		230	TC-TE/DE	90.0	0.395

Note :

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