



# EB-P Electronic ballast for TL-D/PL-L/TL5 lamps (India)

## EBP 254/258/255 TL5 HO / TLD/ PL-L 240V

Slim, lightweight, high-frequency electronic ballast for TL-D/PL-L/TL5 lamps with constant light output irrespective of fluctuations in mains voltage

### Product data

General Information	
Lamp Type	TL-D/PL-L/TL5HO
Number of Lamps	2 piece/unit
Number of Products on MCB (16A Type B) (Nom)	16
Automatic Restart	Yes
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Operating Frequency (Min)	42 kHz
Ignition Method	Programmed Start
Crestfactor (Max)	1.7
Power Factor 100% Load (Nom)	0.99
Ignition Time (Max)	1.5 s
Mains Voltage Performance (AC)	221-254V
Mains Voltage Safety (AC)	216-264V
Earth Leakage Current (Nom)	0.7 mA
Inrush Current Width	350 ms
Constant Wattage Deviation	-2%/+2%

Power Losses (Nom)	12 W
Inrush Current Peak (Max)	31 A

### Wiring

Connector Type Input Terminals	WAGO 251 universal connector [ Suitable for both automatic wiring (ALF and ADS) and manual wiring]
Cable Capacity Output Wires Mutual (Nom)	150 pF
Connector Type Output Terminals	WAGO 251 universal connector [ Suitable for both automatic wiring (ALF and ADS) and manual wiring]
Wire Striplength	9.0-10.0 mm
Input Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Output Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Cable Capacity Output Wires to Earth (Nom)	75 pF

### System characteristics

Rated Ballast-Lamp Power	54 W
--------------------------	------

## EB-P Electronic ballast for TL-D/PL-L/TL5 lamps (India)

Temperature	
T-Ambient (Max)	50 °C
T-Ambient (Min)	-15 °C
T-Storage (Max)	85 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Max)	75 °C
T-Ignition (Min)	-15 °C

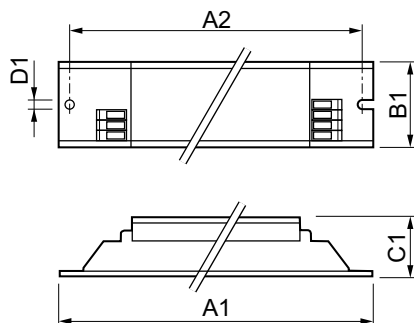
Emergency Operation	
Battery Voltage Lamp Ignition	198-254 V
Battery Voltage Lamp Operation	176-254

Approval and Application	
Energy Efficiency Index	A2 BAT
EMI 9 kHz ... 30 MHz	EN 55015 edition 7.1
EMI 30 MHz ... 1000 MHz	EN 55022
Safety Standard	IEC 61347-2-3
Performance Standard	IEC 60929
Harmonic Current Emission Standard	IEC 61000-3-2
EMC Immunity Standard	IEC 61547

Vibration Standard	IEC68-2-6 F c
Bumps Standard	IEC 68-2-29 Eb
Humidity Standard	EN 61347-2-3 clause 11
Approval Marks	CE marking S Mark
Temperature Marking	F marking (110)
Hum And Noise Level	Inaudible

Product Data	
Full product code	871829115142500
Order product name	EBP 254/258/255 TL5 HO / TLD/ PL-L 240V
EAN/UPC - Product	8718291151425
Order code	913702246322
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	913702246322
Net Weight (Piece)	0.220 kg

### Dimensional drawing



EB-P 254/255/258 TL-D/PL-L/TL5HO

Product	D1	C1	A1	A2	B1
EBP 254/258/255 TL5 HO / TLD/ PL-L 240V	4.2 mm	29.0 mm	258.0 mm	244.0 mm	30.0 mm

