

PHILIPS

Lighting



EB-E Electronic ballasts for TL-D lamps (India)

EBE 236 TLD 240

Compact, lightweight, high-frequency electronic ballast for TL-D lamps

Product data

General Information

Lamp Type	TL-D
Number of Lamps	2 piece/unit
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	Instant Start
Crestfactor (Max)	1.8
Power Factor 100% Load (Nom)	0.95
Ignition Time (Max)	0.15 s
Mains Voltage Performance (AC)	221-254V
Mains Voltage Safety (AC)	216-264V
Constant Wattage Deviation	Not specified
Power Losses (Nom)	8 W

Wiring

Connector Type Input Terminals	WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring]
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 ²
Output Terminal Cross Section	0.50-1.50 mm ²

System characteristics

Rated Ballast-Lamp Power	36 W
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Temperature

T-Ambient (Max)	50 °C
T-Ambient (Min)	0 °C
T-Storage (Max)	85 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Max)	65 °C

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T-Ignition (Min)	0 °C
Emergency Operation	
Battery Voltage Lamp Ignition	198-254 V
Battery Voltage Lamp Operation	Not specified
Approval and Application	
Energy Efficiency Index	Not specified
EMI 9 kHz ... 30 MHz	Not specified
EMI 30 MHz ... 1000 MHz	-
Safety Standard	- [Not specified]
Performance Standard	Not Specified
Harmonic Current Emission Standard	Not Specified
EMC Immunity Standard	IEC 61547
Vibration Standard	-
Bumps Standard	Not specified

Humidity Standard	EN 61347-2-3 clause 11
Temperature Marking	Not specified
Hum And Noise Level	Inaudible
Product Data	
Full product code	871150088486200
Order product name	EBE 236 TLD 240
EAN/UPC - Product	8711500884862
Order code	913702242112
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	913702242112
Net Weight (Piece)	0.134 kg

Dimensional drawing

A2

Product	D1	C1	A1	A2	B1
EBE 236 TLD 240	4.0 mm	30.0 mm	211.0 mm	200.0 mm	40.0 mm

EB-E 236 TL-D 220-240V 50/60Hz

