



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

EBT 236 TLD

Compact, lightweight, high-frequency electronic standard ballasts for TL-D 36 W/ TL40 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	Rapid Start
Crestfactor (Max)	1.7
Power Factor 100% Load (Nom)	0.98
Ignition Time (Max)	0.45 s
Mains Voltage Performance (AC)	221-254V
Mains Voltage Safety (AC)	216-264V
Earth Leakage Current (Nom)	0.7 mA
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]
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 ²
Output Terminal Cross Section	0.50-1.50 mm ²
Cable Capacity Output Wires to Earth (Nom)	75 pF
System characteristics	
Rated Ballast-Lamp Power	36 W
Temperature	
T-Ambient (Max)	50 °C
T-Ambient (Min)	0 °C

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T-Storage (Max)	85 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Max)	75 °C
T-Ignition (Min)	0 °C

Emergency operation

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

Approval and application

Energy Efficiency Index	A3
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	Not specified
Hum And Noise Level	Inaudible

Product data

Full product code	871150099640400
Order product name	EBT 236 TLD
EAN/UPC - Product	8711500996404
Order code	913702244912
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913702244912
Copy Net Weight (Piece)	0.205 kg

Dimensional drawing

A2

Product	D1	C1	A1	A2	B1
EBT 236 TLD	4.0 mm	30.0 mm	210.0 mm	200.0 mm	40.0 mm

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