



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

EBT 218 TL-D 240V

Compact, lightweight, high-frequency electronic standard ballasts for TL-D 36 W/TL40 lamps

Product data

• General Characteristics

| | |
|------------------------------|-------------|
| Rated Lamptype | TL-D |
| Rated Number of Lamps | 2 piece |
| Rated Ballast-Lamp Power | 18 |
| Line Voltage | 240 V |
| Line Frequency | 50/60 Hz |
| Energy Efficiency Index | A3 |
| Lifetime 90% surv.@Tcaselife | 30000 hr |
| Ignition Method | Rapid Start |

• Operating Characteristics

| | |
|--------------------------------|-------------------|
| Automatic restart | Yes |
| Ignition time | 0.45 (max) s |
| Operating frequency | 42 (min) kHz |
| Mains voltage safety (AC) | 216-264V |
| Mains voltage performance (AC) | 221-254V |
| Earth leakage current | 0.7 mA |
| Power losses gear | 4.5 W |
| Constant wattage deviation | - [Not specified] |
| PowerFactor 100% output power | 0.98 - |
| Battery voltage lamp ignition | 198-254 V |
| Battery voltage running lamps | 176-254 |
| Overvoltage protection 320Vac | 48 hr |
| Overvoltage protection 350Vac | 2 hr |

| | |
|-------------------------------|-------------|
| Crestfactor | 1.7 (max) - |
| Hum and Noise level | Inaudible |
| Total Harmonic Distortion EUR | 10 % |

• Wiring Characteristics

| | |
|---------------------------------|---|
| Cable-Cap output-wires to earth | 75 pF |
| Cable-Cap output-wires mutual | 150 pF |
| Conn.type input terminals | WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring] |
| Conn.type output terminals | WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring] |
| Striplength | 9.0-10.0 mm |
| Wcs Input terminals | 0.50-1.50 mm ² |
| Wcs Output terminals | 0.50-1.50 mm ² |

• Temperature Characteristics

| | |
|----------------|-----------------------|
| T-case maximum | 75 (max) C |
| T-ignition | 0 (min) C |
| T-ambient | 0 (min), 50 (max) C |
| T-storage | -40 (min), 85 (max) C |

• Product Dimensions

| | |
|----------------------|----------|
| Length A1 | 210.0 mm |
| Fixing Hole Distance | 200.0 mm |
| Length A2 | |
| Width B1 | 40.0 mm |
| Height C1 | 30.0 mm |

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Fixing Hole Diameter 4.0 mm
D1

CE marking Yes
Temperature marking - [Not specified]

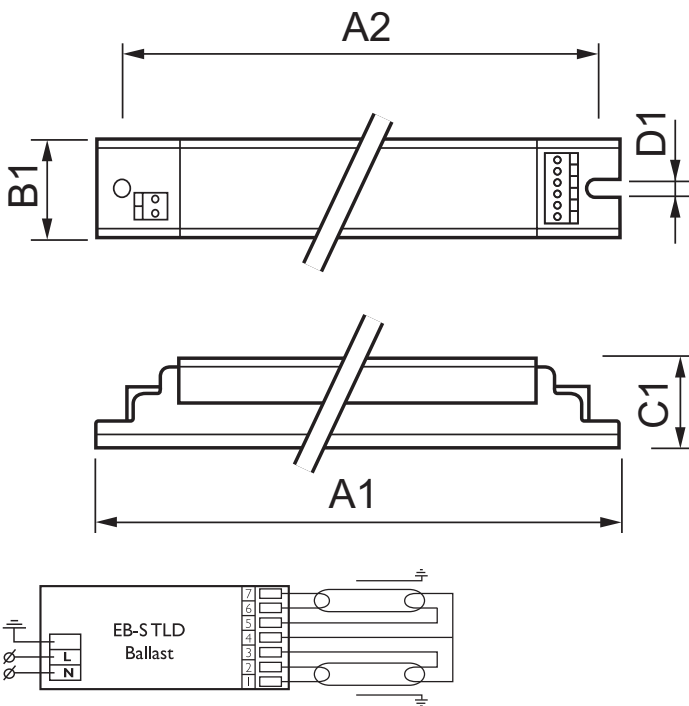
• Approval & Application Chars

EMI 9kHz .. 30 MHz EN 55015 edition 7.1
EMI 30 MHz .. 1000MHz EN 55022
Safety Standard IEC 61347-2-3
Performance Standard IEC 60929
Harmonic current emissions IEC 61000-3-2
EMC Immunity IEC 61547
Vibrations IEC 68-2-6 Fc
Bumps IEC 68-2-29 Eb
Humidity EN 61347-2-3 clause 11
Approval marks S Mark

• Product Data

Order code 913702249112
Full product name EBT 218 TL-D 240V
Order product name EBT 218 TL-D 240V
Pieces per pack 1
Packs per outerbox 6
Bar code on pack - EAN1 8711500997029
Bar code on outerbox - EAN3 8727900078527
Logistic code(s) - 12NC 913702249112
Net weight per piece 0.205 kg

Dimensional drawing



EBT 218 TL-D 240V

| Product | A1 (Norm) | A2 (Norm) | B1 (Norm) | C1 (Norm) | D1 (Norm) |
|-------------------|-----------|-----------|-----------|-----------|-----------|
| EBT 218 TL-D 240V | 210.0 | 200.0 | 40.0 | 30.0 | 4.0 |



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data subject to change