



EB-Certalume for TL5 lamps

EB-C 128 TL5 220-240V 50/60Hz

Affordable, reliable, high-frequency electronic ballast for TL5 fluorescent lamps, ideal alternative to electromagnetic fluorescent systems. The cost-saving and reliable EB-C has energy efficiency class A2, and its robust design meets all necessary international standards for safety and EMC. The ballast is primarily designed for indoor application. For outdoor application, the luminaire should be minimum Class II need to be sufficiently protected against water & dust. The installation should also be guard against any lightning surge or any other necessary electrical protection as deemed in such typical installation & application.

Product data

| General Information | |
|--------------------------------|------------------|
| Lamp Type | TL5 |
| Number of Lamps | 1 piece/unit |
| Automatic Restart | No |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 to 60 Hz |
| Operating Frequency (Nom) | 20-40 kHz |
| Power Factor 100% Load (Nom) | 0.97 |
| Mains Voltage Performance (AC) | 220-240V-50-60HZ |
| Mains Voltage Safety (AC) | -10%-+10% |
| Earth Leakage Current (Max) | 0.7 mA |
| Power Losses (Nom) | 4.7 W |

| Wiring | |
|--|--|
| Connector Type Input Terminals | 250 manual connector [Suitable for manual wiring and easy release button] |
| Color Input Terminals | Orange |
| Color Output Terminals | Grey |
| Connector Type Output Terminals | 250 manual connector [Suitable for manual wiring and easy release button] |
| Cable Length Hot Wiring | 0.75 m |
| Wire Striplength | 7.5-8.5 mm |
| Dual Fixture Master/Slave | No [Master/Slave operation not possible] |
| 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 (Max) | 120 pF |

| System characteristics | |
|--------------------------|------|
| Rated Ballast-Lamp Power | 28 W |

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| | |
|-------------------------|--------|
| Rated Lamp Power on TL5 | 28 W |
| System Power on TL5 | 33 W |
| Lamp Power on TL5 | 28.3 W |
| Power Loss on TL5 | 4.7 W |

Temperature

| | |
|-----------------------|-------|
| T-Case Lifetime (Nom) | 75 °C |
|-----------------------|-------|

Mechanical and Housing

| | |
|---------|-------------|
| Housing | L 275x20x21 |
|---------|-------------|

Approval and Application

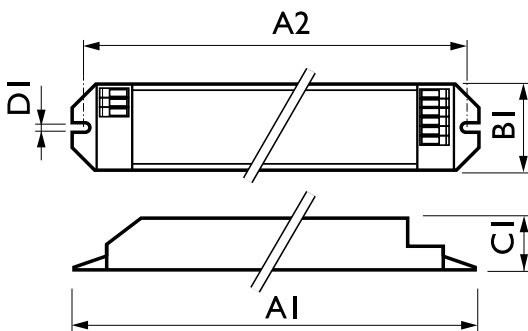
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| Energy Efficiency Index | A2 |
| IP Classification | IP 20 [Ingress Protection 20] |
| Overvoltage Protection 276Vac | 48 h |
| EMI 9 kHz ... 30 MHz | EN55015 |

| | |
|--------------------|--------------------------------|
| Vibration Standard | IEC68-2-6 F c |
| Bumps Standard | IEC 68-2-29 Eb |
| Humidity Standard | IEC 61347-2-3 |
| Approval Marks | CCC certificate CB Certificate |

Product Data

| | |
|---------------------------------|-------------------------------|
| Full product code | 872790088656600 |
| Order product name | EB-C 128 TL5 220-240V 50/60Hz |
| EAN/UPC - Product | 8711500998927 |
| Order code | 913713196414 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 50 |
| Material Nr. (12NC) | 913713196414 |
| Net Weight (Piece) | 0.073 kg |

Dimensional drawing



EB-C 128 TL5 220-240V 50/60Hz

| Product | D1 | C1 | A1 | A2 | B1 |
|----------------------------------|--------|---------|----------|----------|---------|
| EB-C 128 TL5 220-240V 50/60Hz | 4.2 mm | 21.0 mm | 275.0 mm | 265.0 mm | 19.8 mm |

