PHILIPS Lighting



Product Description

EB-Certalume for TL5 lamps

Affordable, reliable, high frequency electronic ballast for TL5 fluorescent lamps, ideal alternative for electromagnetic (EM) ballasts

Benefits

- Energy efficient, CELMA A3, saving 25% energy compared to electromagnetic "Ctype" ballasts
- The EB-C TL5 range has a robust design and meets safety, EMC and Immunity tests including safety approbation via an external test-house covering IEC/EN 61347.
- · Ideal alternative for electromagnetic ballast, no ignitor needed

Features

- Energy efficient CELMA A3
- Complying to CCC certificate including safety acc IEC 61347
- \cdot 25.000 hour lifetime at Tc max. and 3.000 on/off switches on one lamp.
- \cdot Rapid, flicker-free or warm lamp start (< 2.0 s)
- \cdot High power factor 0.95 with THD <25%
- EMC compliant to EN 55015 2006 + A1 2007
- 45 degree connector for easy connection with push button release.

Application

- Designed for applications where lamps burn for a long period of time and switching cycle (on/off) is infrequent. Typical areas of application include:
- Professional indoor applications (e.g. offices and hotels)
- $\boldsymbol{\cdot}$ Department stores, shops, supermarkets and public area's
- Indoor lighting boxes
- Homes

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Versions

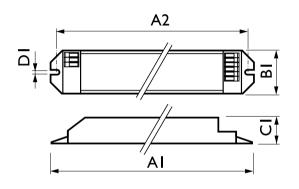


Fluorescent Fixed Output Gear, EB-C, 128, TL5



EB-Ci 1-2 Lamp 14-28W TL5 220-240V

Dimensional drawing



| A2 | |
|----|--|
| A1 | |

| Approval and Application | |
|--------------------------|----|
| Energy Efficiency Index | A2 |

| 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 |

| Product | A1 | A2 | B1 | C1 | D1 |
|------------------------------------|--------|--------|-------|-------|--------|
| EB-Ci 1-2 14-28W 220-240V 50/60 Hz | 210 mm | 200 mm | 30 mm | 26 mm | 4.3 mm |

Operating and Electrical

| | | | | | Number of | |
|--------------|--------------|-------------|------------|-------------|-------------|-----|
| | | | | | Products on | |
| | | | | | MCB (16A | |
| | Full Product | Input | Input | Line | Type B) | |
| Order Code | Name | Frequency | Voltage | Frequency | (Max) | Ore |
| 913713196414 | EB-C 128 TL5 | 50 to 60 Hz | 220 to 240 | 50 to 60 Hz | - | |
| | 220-240V | | V | | | |
| | 50/60Hz | | | | | |
| 913713043280 | EB-Ci 1-2 | 50 or 60 Hz | 220-240 V | - | 30 | |
| | 14-28W | | | | | |
| | | | | | | |

| | | | | | Number of |
|------------|--------------|-----------|---------|-----------|-------------|
| | | | | | Products on |
| | | | | | MCB (16A |
| | Full Product | Input | Input | Line | Type B) |
| Order Code | Name | Frequency | Voltage | Frequency | (Max) |
| | 220-240V | | | | |
| | 50/60 Hz | | | | |

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Mechanical and Housing

| Order Code | Full Product Name | Housing | Order Code | Full Product Name | Housing |
|--------------|-------------------------------|-------------|--------------|------------------------------------|--------------|
| 913713196414 | EB-C 128 TL5 220-240V 50/60Hz | L 275x20x21 | 913713043280 | EB-Ci 1-2 14-28W 220-240V 50/60 Hz | L210x30x26mm |



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www.lighting.philips.com 2023, August 2 - data subject to change