

## POWERTRONIC INTELLIGENT PTi S

ECG for HID lamps, for installation in luminaires



### Areas of application

- Shop lighting
- Health and fitness areas (in luminaires with protection class IP66 or higher)
- Effect and accent lighting

### Product family benefits

- Long reliable life at maximum permitted temperatures
- Compact dimensions and low weight for small luminaire designs
- Excellent thermal behavior for very high limit temperatures  $t_c$  and  $t_a$
- Automatic safety shutdown of lamps in the event of a defect or at end of life (EoL)

### Product family features

- Energy Efficiency Index EEI: A2
- Supply voltage: 220...240 V
- Line frequency: 50...60 Hz
- RI suppression: to EN 55015/CISPR 15
- Safety: to EN 61347-2-12
- Line harmonics according to EN 61000-3-2
- Immunity according to EN 61547

## Product family datasheet

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### Safety advice

Ballast losses and lamp heat radiation can lead to heat accumulation in a completely closed case. Therefore it is necessary to ensure that the temperature at the measuring point  $t$  of the ECG does not exceed the maximum value.

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### Attention!

For safety reasons disconnect the device before replacing the lamp!

Any conductive material must have a minimum distance of 4 mm to the front of the terminal block.

Installation by qualified electrician only.

Terminals for protective earth not suitable for any through connection.

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### Application advice

For more detailed application information and graphics please see product datasheet.

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### Additional product information

- In order to achieve good radio interference suppression:1. Keep the cable between ECG and lamp as short as possible.2. The single lamp wires must be routed as close as possible to each other.

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### Sales and Technical Support

Sales and Technical Support [www.osram.com](http://www.osram.com)

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### Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.