

## QUICKTRONIC QTz5

ECG for T5/16 mm linear fluorescent lamps



### Areas of application

- Public buildings
- Sports halls
- Strip lighting
- Suitable for luminaires of protection class I

### Product family benefits

- Compact housing
- Automatic restart after lamp replacement

### Product family features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz | 60 Hz
- Energy Efficiency Index EEI: A2
- Automatic shutdown of defective lamps and at end of life (EoL)

Product family datasheet

Technical data

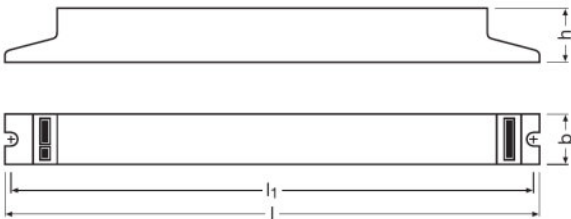
Electrical data

| Product description | Nominal voltage | Mains frequency |
|---------------------|-----------------|-----------------|
| QTz5 2X14           | 220...240 V     | 50/60 Hz        |
| QTz5 2X28           | 220...240 V     | 50...60 Hz      |

Dimensions & weight

| Product description | Length   | Width   | Height  | Mounting hole spacing, length | Product weight |
|---------------------|----------|---------|---------|-------------------------------|----------------|
| QTz5 2X14           | 275.0 mm | 33.0 mm | 21.0 mm | 265.0 mm                      | 120.00 g       |
| QTz5 2X28           | 275.0 mm | 33.0 mm | 21.0 mm | 265.0 mm                      | 130.00 g       |

Product line drawing



QTz5 2X14, QTz5 2X28

Temperatures & operating conditions

| Product description | Ambient temperature range |
|---------------------|---------------------------|
| QTz5 2X14           | 0...+50 °C                |
| QTz5 2X28           | 0...+50 °C                |

Lifespan

| Product description | ECG lifetime          |
|---------------------|-----------------------|
| QTz5 2X14           | 30000 h <sup>1)</sup> |
| QTz5 2X28           | 30000 h <sup>1)</sup> |

<sup>1)</sup> At maximum T<sub>c</sub> / 10% failure rate

Expected Lifetime

| Product name |                              |                     |                     |   |
|--------------|------------------------------|---------------------|---------------------|---|
| QTz5 2X14    | ECG ambient temperature [ta] | 40                  | 50                  | - |
|              | Temperature at tc-point [°C] | 70                  | 75                  | - |
|              | Lifetime [h]                 | 50000 <sup>1)</sup> | 30000 <sup>1)</sup> | - |
| QTz5 2X28    | ECG ambient temperature [ta] | 40                  | 50                  | - |
|              | Temperature at tc-point [°C] | 70                  | 75                  | - |
|              | Lifetime [h]                 | 50000 <sup>2)</sup> | 30000 <sup>2)</sup> | - |

<sup>1)</sup> Max. 10% failure rate at tc max

<sup>2)</sup> Max. 10% failure rate at tc max

Capabilities

| Product description | Suitable for fixtures with prot. class | End of lamp life safety shutdown |
|---------------------|--|----------------------------------|
| QTz5 2X14           | I                                      | EOL T.1                          |
| QTz5 2X28           | I                                      | EOL T.1                          |

Certificates & standards

| Product description | Approval marks – approval | EEL – Energy Label | Protection class |
|---------------------|---------------------------|--------------------|------------------|
| QTz5 2X14           | CE / CQC                  | A2                 | I                |
| QTz5 2X28           | CE / CQC                  | A2                 | I                |

# Product family datasheet

## Logistical data

| Product description | Commodity code |
|---------------------|----------------|
| QTz5 2X14           | 850410809000   |
| QTz5 2X28           | 850410809000   |

## Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

| Product description | Date of Declaration | Primary Article Identifier | Declaration No. in SCIP database |
|---------------------|---------------------|----------------------------|----------------------------------|
| QTz5 2X14           | 14-04-2022          | 4052899019164              | In work                          |
| QTz5 2X28           | 14-04-2022          | 4052899019188              | In work                          |

## Application advice

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



## 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, whereas the lines of the different lamp ends must be routed separately.

## Sales and Technical Support

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

## Download Data

| File  |  |
|---|--|
|  | Certificates<br>592319_EAC certificate for Quicktronics QT |
|  | Certificates<br>CB Test Certificate CN42991                |

## Product family datasheet

### 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.

### Logistical Data

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4052899019164 | QTz5 2X14           | Shipping carton box<br>20    | 290 mm x 171 mm x 160 mm             | 7.93 dm <sup>3</sup> | 2782.00 g    |
| 4052899019188 | QTz5 2X28           | Shipping carton box<br>20    | 294 mm x 171 mm x 165 mm             | 8.30 dm <sup>3</sup> | 3217.00 g    |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### Disclaimer

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