

## PRODUCT DATASHEET

### QT-ECO 2X5...11 S

QUICKTRONIC® ECONOMIC | ECG for FL 7 mm and CFL



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#### Areas of application

- Public buildings

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#### Product benefits

- Compact housing
- Automatic restart after lamp replacement
- Large input voltage range

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#### Product features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz
- Energy Efficiency Index EEI: A2 / A3 (depending on lamp)
- Automatic shutdown of defective lamps and at end of life (EoL)

## TECHNICAL DATA

### Electrical data

|  |             |
|--|-------------|
| Nominal wattage                          | 23.00 W     |
| Nominal voltage                          | 220...240 V |
| Input voltage DC                         | 176...254 V |
| U-OUT (working voltage)                  | 330 V       |
| Inrush current                           | 12 A        |
| Mains frequency                          | 50 Hz       |
| Max. ECG no. on circuit breaker 10 A (B) | 51          |
| Max. ECG no. on circuit breaker 16 A (B) | 84          |
| Operating frequency                      | 35...45 kHz |

### Light technical data

|               |     |
|---------------|-----|
| Starting time | 2 s |
|---------------|-----|

### Dimensions & Weight

|                               |                |
|-------------------------------|----------------|
| Length                        | 80.00 mm       |
| Mounting hole spacing, length | 72,0...75,0 mm |
| Width                         | 40.00 mm       |
| Height                        | 22.00 mm       |
| Product weight                | 52.00 g        |

### Colors & materials

|                 |         |
|-----------------|---------|
| Casing material | Plastic |
| Body material   | Plastic |

### Temperatures & operating conditions

|  |                        |
|--|------------------------|
| Ambient temperature range                | -15...+50 °C           |
| Maximum temperature at tc test point     | 70 °C                  |
| Max.housing temperature in case of fault | 110 °C                 |
| Permitted rel. humidity during operation | 5...85 % <sup>1)</sup> |

<sup>1)</sup> Maximum 56 days/year at 85 %

### Lifespan

|              |                       |
|--------------|-----------------------|
| ECG lifetime | 30000 h <sup>1)</sup> |
|--------------|-----------------------|

1)  $T_c = 70^\circ\text{C}$ , with max. 10% failure rate

### Capabilities

|  |               |
|--|---------------|
| Dimmable                               | No            |
| Max. cable length to lamp/LED module   | 1.0 m / 0.5 m |
| Suitable for fixtures with prot. class | I / II        |
| End of lamp life safety shutdown       | EOL T.2       |







### Certificates & Standards


|                           |   |
|---------------------------|---|
| Approval marks – approval | VDE   |
| Standards                 | Acc. to EN 55015, CISPR 15 / Acc. to EN 61547/IEC 61547 / Acc. to EN 61000-3-2/IEC 61000-3-2 / Acc. to EN 61347-2-3 / Acc. to EN 55015:2006 + A1:2007 / Acc. to EN 61000-3-2 / Acc. to EN 61547 |
| Protection class          | II  |
| Type of protection        | IP20  |
| Energy efficiency class   | A3  |
| EEI – Energy Label        | A3  |

### LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -40...+85 °C |
|------------------------------|--------------|

### DOWNLOAD DATA

| Documents and certificates  | Document name   |
|---|---|
|  User instruction / safety instructions | 592501_EAC QT-ECO   |
|  Declarations of conformity             | 339525_Declaration of Conformity (GB)                               |
|  Certificates                           | 683440_VDE-Marks approvals  |
|  Certificates                           | 335154_Manufacturer's declaration – EN 55015:2006+A1:2007 (300 MHz) |
|  Certificates                           | 334955_VDE-Marks approval   |
|  Certificates                           | 334983_VDE-Marks approval   |

| CAD/BIM files  | Document name           |
|--|-------------------------|
|  CAD data 3D PDF | 313409_80x40x23 9900043 |

**LOGISTICAL DATA**

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300821504 | Unpacked<br>1                |                                      | 52.00 g      |                      |
| 4050300821511 | Shipping box<br>50           | 246 mm x 160 mm x 178 mm             | 3041.00 g    | 7.01 dm <sup>3</sup> |

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.