

## QT-ECO 1X18...21 S

QUICKTRONIC ECONOMIC | ECG for FL 7 mm and CFL



### Areas of application

- Public buildings

### Product benefits

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

### 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)

# Product datasheet

## Technical data

### Electrical data

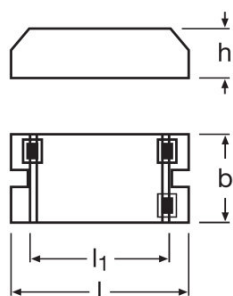
|  |             |
|--|-------------|
| Nominal voltage                          | 220...240 V |
| Mains frequency                          | 50 Hz       |
| Input voltage DC                         | 176...254 V |
| Operating frequency                      | 35...45 kHz |
| Max. ECG no. on circuit breaker 10 A (B) | 36          |
| Max. ECG no. on circuit breaker 16 A (B) | 59          |
| Inrush current                           | 13 A        |

### Light technical data

|               |                     |
|---------------|---------------------|
| Starting time | 1.5 s <sup>1)</sup> |
|---------------|---------------------|

<sup>1)</sup> Preheat start: After a switch off, the lamps should remain switched off for 2 minutes to ensure an optimum preheat start

### Dimensions & weight



|                               |                |
|-------------------------------|----------------|
| Length                        | 80.0 mm        |
| Width                         | 40.0 mm        |
| Height                        | 22.0 mm        |
| Mounting hole spacing, length | 72.0...75.0 mm |
| Product weight                | 50.00 g        |

### Temperatures & operating conditions

|  |              |
|--|--------------|
| Ambient temperature range                | -15...+50 °C |
| Permitted rel. humidity during operation | 5...85 %     |

### Lifespan

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

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

## Product datasheet

### Capabilities

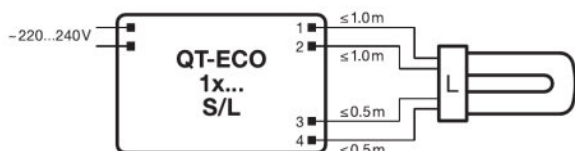
|  |         |
|--|---------|
| Suitable for fixtures with prot. class | I / II  |
| End of lamp life safety shutdown       | EOL T.2 |

### Certificates & standards

|                           |  |
|---------------------------|--|
| Approval marks – approval | VDE  |
| EEL – Energy Label        | A2/A3 <sup>1)</sup>  |
| Standards                 | 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          | I  |
| Type of protection        | IP20   |



<sup>1)</sup> For detailed information please see Lamp-ECG combinations

### Wiring Diagram












### Wiring diagram

### Download Data

| File   |
|--|
|  Certificates<br>VDE-Marks approval |
|  Certificates<br>VDE-Marks approval |

## Product datasheet

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|   |  |
|---|--|
|  | Certificates<br>Manufacturer's declaration EN 55015:2006+A1:2007 (300 MHz) |
|  | Certificates<br>EAC certificate for Quicktronics QT                        |
|  | Certificates<br>VDE-Marks approvals  |
|  | Declarations of conformity<br>Declaration of conformity                    |
|  | Operating instructions<br>EAC QT-ECO                                       |
|  | CAD data 3-dim<br>80x40x22 9900019   |
|  | CAD data 3-dim<br>80x40x22 9900019   |
|  | CAD data 3-dim<br>80x40x22 9900019   |
|  | CAD data PDF<br>80x40x22 9900019   |

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## Logistical Data

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4050300794907 | QT-ECO 1X18...21 S  | Shipping carton box<br>50    | 212 mm x 142 mm x 170 mm             | 5.12 dm <sup>3</sup> | 2791.00 g    |

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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.

## QT-ECO 1X18...21 S

QUICKTRONIC ECONOMIC | ECG for FL 7 mm and CFL

| Product name       | Lamp group     | Nominal current | Nominal wattage + Power loss | Luminous flux at 25 °C | Number of lighting outlets | EEL – Energy Label | Luminous flux at 35 °C |
|--------------------|----------------|-----------------|------------------------------|------------------------|----------------------------|--------------------|------------------------|
| QT-ECO 1X18...21 S | DULUX D/E 18 W | 0.14 A          | 19.00 W                      | 1150 lm                | 1                          | A2                 |                        |
|                    | DULUX T/E 18 W | 0.14 A          | 19.00 W                      | 1150 lm                | 1                          | A2                 |                        |
|                    | HE 21 W        | 0.17 A          | 23.00 W                      |                        | 1                          | A3                 | 1800 lm                |