

## QTP-D/E 2X10...13

QUICKTRONIC PROFESSIONAL M | ECG for CFL



### Areas of application

- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100
- Public buildings
- Sports halls and factories
- Suitable for luminaires of protection class I

### Product benefits

- Long lamp life
- No adverse effect from frequent on/off switching
- Automatic restart after lamp replacement
- Perfect lamp start for applications with motion sensors
- Separate installations thanks to optional cable clamp for K2 and K3 casings
- VDE/VDE EMC certified system

### Product features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Lamp start with optimum filament preheating
- Energy Efficiency Index EEI: A2
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Lamp operation: to EN 60929
- Safety: to EN 61347-2-3

Technical data

Electrical data

|                                          |                           |
|------------------------------------------|---------------------------|
| Input voltage AC                         | 198...264 V               |
| Nominal voltage                          | 220...240 V               |
| Mains frequency                          | 50...60 Hz                |
| Input voltage DC                         | 176...276 V <sup>1)</sup> |
| Operating frequency                      | 44 kHz <sup>2)</sup>      |
| Max. ECG no. on circuit breaker 10 A (B) | 16 <sup>3)</sup>          |
| Max. ECG no. on circuit breaker 16 A (B) | 28 <sup>3)</sup>          |
| Inrush current                           | 20 A                      |

<sup>1)</sup> Minimum voltage for lamp ignition: 198 V

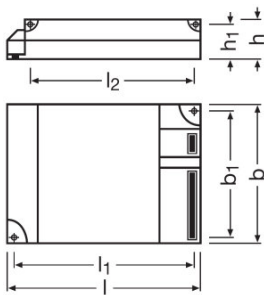
<sup>2)</sup> Approximately

<sup>3)</sup> Type B

Light technical data

|               |       |
|---------------|-------|
| Starting time | 1.0 s |
|---------------|-------|

Dimensions & weight



|                                  |                           |
|----------------------------------|---------------------------|
| Length                           | 123.0 mm                  |
| Width                            | 79.0 mm                   |
| Height                           | 33.0 mm                   |
| Mounting hole spacing, length    | 111.0 mm                  |
| Mounting hole spacing, width     | 67.0 mm                   |
| Product weight                   | 190.00 g                  |
| Cable cross-section, output side | 0.5...1.5 mm <sup>2</sup> |
| Cable cross-section, input side  | 0.5...1.5 mm <sup>2</sup> |

Temperatures & operating conditions

## Product datasheet

|                                          |              |
|------------------------------------------|--------------|
| Ambient temperature range                | -20...+50 °C |
| Permitted rel. humidity during operation | 5...85 %     |

### Lifespan

|              |                       |
|--------------|-----------------------|
| ECG lifetime | 50000 h <sup>1)</sup> |
|--------------|-----------------------|

<sup>1)</sup> At  $T_{case} = 75^{\circ}\text{C}$  at  $T_c$  point / 10% failure rate

### Additional product data

|                |                                                               |
|----------------|---------------------------------------------------------------|
| Product remark | Optional cable clamp, see chapter ECG mountings - cable clamp |
|----------------|---------------------------------------------------------------|

### Capabilities

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

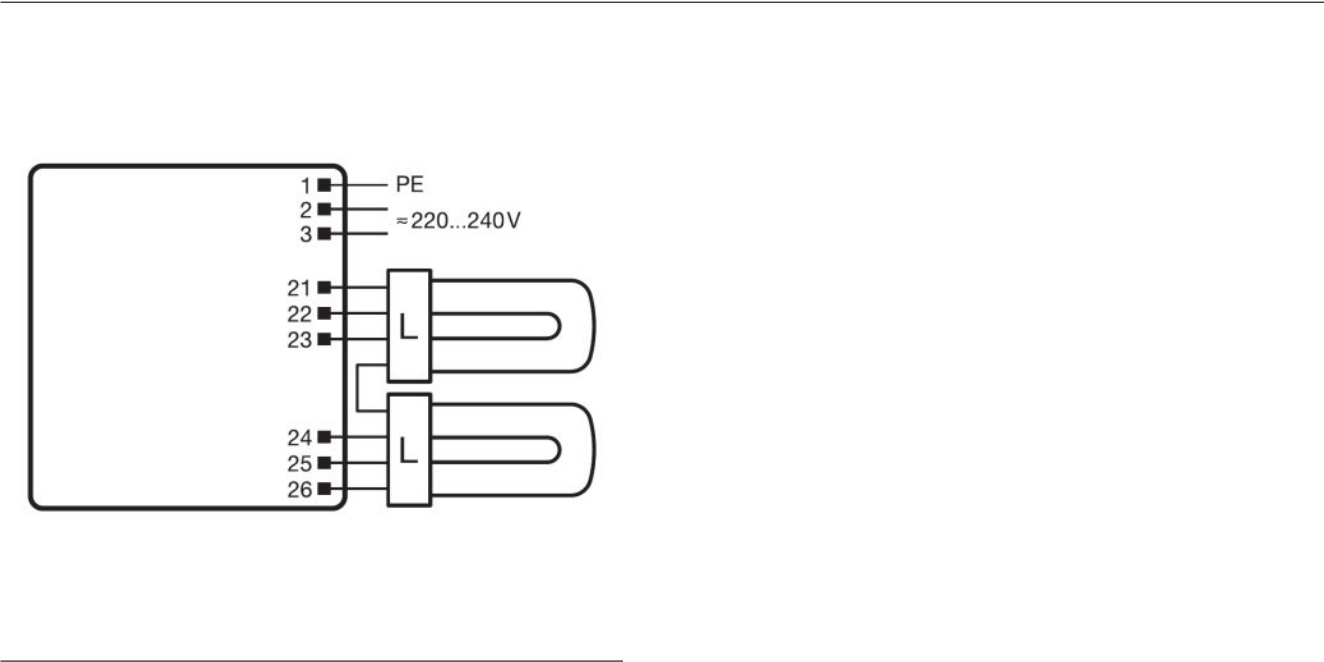
### Certificates & standards

|                           |                                                                                                             |
|---------------------------|-------------------------------------------------------------------------------------------------------------|
| Approval marks – approval | VDE / VDE-EMC / ENEC 10 / GOST / RCM                                                                        |
| EEI – Energy Label        | A2                                                                                                          |
| Standards                 | Acc. to EN 61347-2-3/Acc. to EN 60929/Acc. to EN 55015:2006 + A1:2007/Acc. to EN 61000-3-2/Acc. to EN 61547 |
| Protection class          | III                                                                                                         |
| Type of protection        | IP20                                                                                                        |

### Logistical data

|                |              |
|----------------|--------------|
| Commodity code | 850410809000 |
|----------------|--------------|

Wiring Diagram



Wiring diagram

Download Data

| File                                                                                |                                                                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|  | Certificates<br>334954_ENEC-Marks approval                                                        |
|  | Certificates<br>334956_EMC-Marks approval &#150; QTP-M                                            |
|  | Certificates<br>335097_INOTEC                                                                     |
|  | Certificates<br>335169_Manufacturer’s declaration &#150; LampECG combinations: Frequent switching |
|  | Certificates<br>504181_VDE-EMC-Certificate QTP DL_TE                                              |
|  | Declarations of conformity<br>334769_CE conformity                                                |
|  | Operating instructions<br>596657_EAC QTP-DE + QTP-TE                                              |
|  | CAD data 3-dim<br>321714_CAD QTP-DE                                                               |
|  | CAD data 3-dim<br>321715_CAD QTP-DE                                                               |
|  | CAD data PDF<br>313404_123x79x33 9900041                                                          |

## Product datasheet



CAD data PDF  
321716\_CAD QTP-DE

### Logistical Data

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4008321181596 | QTP-D/E 2X10...13   | Shipping carton box<br>20    | 428 mm x 78 mm x 257 mm              | 8.58 dm <sup>3</sup> | 4017.67 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.

## QTP-D/E 2X10...13

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| Product name      | Lamp group     | Nominal current | Nominal wattage + Power loss | Luminous flux at 25 °C | Number of lighting outlets |
|-------------------|----------------|-----------------|------------------------------|------------------------|----------------------------|
| QTP-D/E 2X10...13 | DULUX D/E 10 W | 0.09 A          | 21.00 W                      | 2*600 lm               | 2                          |
|                   | DULUX D/E 13 W | 0.13 A          | 29.00 W                      | 2*900 lm               | 2                          |
|                   | DULUX S/E 11 W | 0.12 A          | 28.00 W                      | 950 lm                 | 2                          |
|                   | DULUX S/E 9 W  | 0.09 A          | 18.00 W                      | 600 lm                 | 2                          |
|                   | DULUX T/E 13 W | 0.13 A          | 29.00 W                      | 900 lm                 | 2                          |