

QTP-D/E 2X10...13

QUICKTRONIC PROFESSIONAL M | ECG for CFL



Product family 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

Product family 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

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 datasheet

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 ¹⁾ |
| Maximum output power | 2 x 13 W |
| Efficiency in full-load | 90 % ²⁾ |
| Operating frequency | 44 kHz ³⁾ |
| Max. ECG no. on circuit breaker 10 A (B) | 16 ⁴⁾ |
| Max. ECG no. on circuit breaker 16 A (B) | 28 ⁴⁾ |
| Inrush current | 20 A |

¹⁾ Minimum voltage for lamp ignition: 198 V

²⁾ at 230 V, 50 Hz

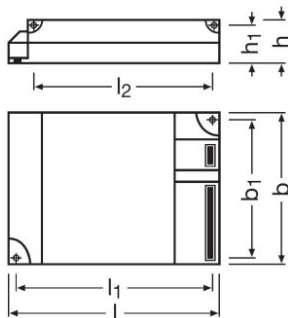
³⁾ Approximately

⁴⁾ 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 ² |
| Cable cross-section, input side | 0.5...1.5 mm ² |

Temperatures & operating conditions

| | |
|--|------------------------|
| Ambient temperature range | -20...+50 °C |
| Permitted rel. humidity during operation | 5...85 % ¹⁾ |

¹⁾ Maximum 56 days/year at 85 %

Lifespan

| | |
|--------------|-----------------------|
| ECG lifetime | 50000 h ¹⁾ |
|--------------|-----------------------|

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

Additional product data

| | |
|-----------------------------------|---|
| Product remark | Optional cable clamp, see chapter ECG mountings - cable clamp |
| Suitable for lamp power (2 lamps) | 10...13 W |

Capabilities

| | |
|--|---------------|
| Suitable for fixtures with prot. class | I / II |
| End of lamp life safety shutdown | EOL T.2 |
| Max. cable length to lamp/LED module | 2.0 m / 1.0 m |
| Dimmable | No |
| Intended for no-load operation | No |

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 |
|----------------|--------------|

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|---------------|
| Date of Declaration | 14-04-2022 |
| Primary Article Identifier | 4008321181596 |
| Candidate List Substance 1 | Lead |
| CAS No. of substance 1 | 7439-92-1 |

Product datasheet

| | |
|---|---|
|  | Certificates 335169_Manufacturer's declaration – LampECG combinations: Frequent switching |
|  | Certificates 504181_VDE-EMC-Certificate QTP DL_TE |
|  | Declarations of conformity QUICKTRONIC CE 3364256 190821 |
|  | CAD data 3-dim 321714_CAD QTP-DE |
|  | CAD data 3-dim 321715_CAD QTP-DE |
|  | CAD data PDF 313404_123x79x33 9900041 |
|  | CAD data PDF 321716_CAD QTP-DE |

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 |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4008321181596 | QTP-D/E 2X10...13 | Shipping carton box 20 | 428 mm x 78 mm x 257 mm | 8.58 dm ³ | 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.

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| Product name | Lamp group | Nominal current | Nominal wattage + Power loss | Power factor λ [PIM] | 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 | 0.95 | 2*600 lm | 2 |
| | DULUX D/E 13 W | 0.13 A | 29.00 W | 0.95 | 2*900 lm | 2 |
| | DULUX S/E 11 W | 0.12 A | 28.00 W | 0.95 | 950 lm | 2 |
| | DULUX S/E 9 W | 0.09 A | 18.00 W | 0.92 c | 600 lm | 2 |
| | DULUX T/E 13 W | 0.13 A | 29.00 W | 0.95 | 900 lm | 2 |