

## PRODUCT DATASHEET

### QTP5 2X14...35

QUICKTRONIC® PROFESSIONAL 5 | ECG for FL 16 mm



#### Areas of application

- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100
- Industry
- Open-plan offices, corridors and storage rooms
- Public buildings
- Sports halls and factories
- Strip lighting
- Suitable for emergency lighting (DC operation)
- Modernization of existing systems
- Suitable for luminaires of protection classes I and II

#### Product benefits

- Long lamp life
- No adverse effect from frequent on/off switching
- Perfect lamp start for applications with motion sensors
- Automatic restart after lamp replacement
- VDE/VDE EMC certified system
- Very high energy efficiency due to cut-off technology

#### 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

- Lifetime: up to 100,000 h (temperature at  $T_c = 65\text{ °C}$ , max. 10 % failure rate)
- Energy Efficiency Index EEI: A2 BAT
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Safety: to EN 61347-2-3
- Lamp operation: to EN 60929

TECHNICAL DATA

Electrical data

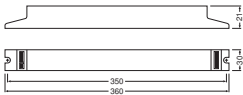
|  |                  |
|--|------------------|
| Nominal wattage                          | 78.00 W          |
| Nominal voltage                          | 220...240 V      |
| Input voltage AC                         | 198...264 V      |
| Input voltage DC                         | 176...276 V      |
| U-OUT (working voltage)                  | 330 V            |
| Inrush current                           | 24 A             |
| Mains frequency                          | 50/60 Hz         |
| Max. ECG no. on circuit breaker 10 A (B) | 12 <sup>1)</sup> |
| Max. ECG no. on circuit breaker 16 A (B) | 19 <sup>1)</sup> |
| Operating frequency                      | 40...50 kHz      |

1) Type B

Light technical data

|               |     |
|---------------|-----|
| Starting time | 1 s |
|---------------|-----|

Dimensions & Weight



|                               |           |
|-------------------------------|-----------|
| Length                        | 360.00 mm |
| Mounting hole spacing, length | 350,0 mm  |
| Width                         | 30.00 mm  |
| Height                        | 21.00 mm  |
| Product weight                | 234.00 g  |

Colors & materials

|                 |       |
|-----------------|-------|
| Casing material | Metal |
| Body material   | Metal |

Temperatures & operating conditions

|  |                        |
|--|------------------------|
| Ambient temperature range                | -20...+50 °C           |
| Maximum temperature at tc test point     | 75 °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 | 100000 h <sup>1)</sup> |
|--------------|------------------------|

<sup>1)</sup> At T<sub>case</sub> = 65 °C at T<sub>c</sub> point / 10 % failure rate

### Capabilities

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



### Certificates & Standards











|                           |   |
|---------------------------|---|
| Approval marks – approval | VDE / VDE-EMC / CE / ENEC 10  |
| 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          | I/II  |
| Type of protection        | IP20  |
| Energy efficiency class   | A2 BAT  |
| EEL – Energy Label        | A2 BAT  |

### LOGISTICAL DATA

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

### DOWNLOAD DATA

| Documents and certificates  | Document name                              |
|---|--|
|  User instruction / safety instructions | 334142_Technical guide - ECGs for T5-lamps |
|  Declarations of conformity             | 339525_Declaration of Conformity (GB)      |

| Documents and certificates   |                          | Document name   |
|--|--------------------------|---|
|    | Certificates             | 335097_INOTEC   |
|    | Certificates             | 335128_VDE Quality Tested Simplified luminaire approbation                    |
|    | Certificates             | 504210_VDE-EMC-Certificate QT5  |
|    | Certificates             | 335101_ENEC-VDE-Marks approval  |
|    | Certificates             | 335002_EMG-Marks approval   |
|    | Certificates             | 335098_CEAG   |
|    | Certificates             | 335169_Manufacturer's declaration – Lamp/ECG combinations: Frequent switching |
|    | Certificates             | 554891_EAC PT family  |
|   | Product family datasheet | 336478_Family data sheet QTP5   |
| CAD/BIM files  |                          | Document name   |
|  | CAD data 3D PDF          | 313392_360x30x21 9900024  |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4008321329073 | Unpacked<br>1                |                                      | 234.00 g     |                      |
| 4008321329080 | Shipping box<br>20           | 370 mm x 96 mm x 170 mm              | 4900.00 g    | 6.04 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.