

QT-FIT5 2X14...35

QUICKTRONIC FIT 5 | ECG for FL 16 mm



Product family features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 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
- VDE/VDE EMC certified system
- Very high energy efficiency due to cut-off technology

Areas of application

- Open-plan offices, corridors and storage rooms
- Public buildings
- Strip lighting
- Suitable for luminaires of protection class I
- Modernization of existing systems

Product datasheet

Technical data

Electrical data

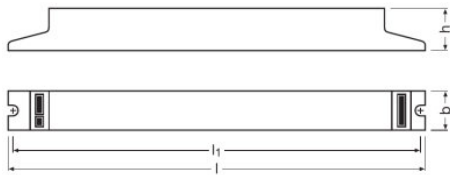
| | |
|-------------------------|--------------------|
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Input voltage DC | 198...264 V |
| Maximum output power | 2 x 35 W |
| Efficiency in full-load | 91 % ¹⁾ |
| Operating frequency | 40...50 kHz |

¹⁾ at 230 V, 50 Hz

Light technical data

| | |
|---------------|-------|
| Starting time | 2.0 s |
|---------------|-------|

Dimensions & weight



| | |
|----------------------------------|---|
| Length | 280.0 mm |
| Width | 30.0 mm |
| Height | 21.0 mm |
| Mounting hole spacing, length | 270.0 mm |
| Product weight | 181.00 g |
| Cable cross-section, output side | 0.5...1.5 mm ² ¹⁾ |
| Cable cross-section, input side | 0.5...1.5 mm ² ¹⁾ |

¹⁾ Solid leads

Temperatures & operating conditions

| | |
|--|------------------------|
| Ambient temperature range | -15...+50 °C |
| Permitted rel. humidity during operation | 5...85 % ¹⁾ |

¹⁾ Maximum 56 days/year at 85 %

Product datasheet

Additional product data

| | |
|-----------------------------------|-----------|
| Suitable for lamp power (2 lamps) | 14...35 W |
|-----------------------------------|-----------|

Capabilities

| | |
|--|---------------|
| Suitable for emergency lighting | No |
| Suitable for fixtures with prot. class | I |
| 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 / ENEC 10 / VDE-EMC |
| EEL – Energy Label | A2 BAT |
| Standards | Acc. to EN 61347-2-3/IEC 61347-2-3/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61000-3-2/IEC 61000-3-2/Acc. to EN 61547/IEC 61547 |
| Protection class | I |
| Type of protection | IP20 |

Logistical data

| | |
|----------------|-------------|
| Commodity code | 85041080900 |
|----------------|-------------|

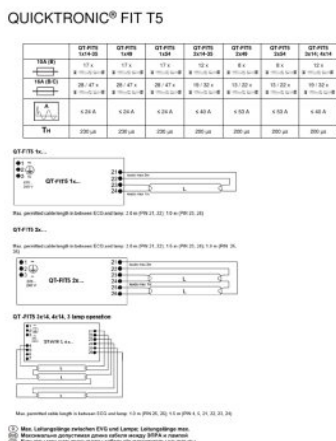
Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|--|
| Date of Declaration | 14-04-2023 |
| Primary Article Identifier | 4008321971258 |
| Candidate List Substance 1 | Lead |
| CAS No. of substance 1 | 7439-92-1 |
| Safe Use Instruction | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Declaration No. in SCIP database | 5cf3d820-15df-429b-9da4-9cf55f4f2e00 |

Expected Lifetime

| Product name | Lamp group | | | | |
|-------------------|------------|------------------------------|--------|--------|-------|
| QT-FIT5 2X14...35 | HE 28 W | ECG ambient temperature [ta] | 40 | 50 | 60 |
| | | Temperature at tc-point [°C] | 55 | 65 | 70 |
| | | Lifetime [h] | 100000 | 100000 | 70000 |
| | HE 32 W ES | ECG ambient temperature [ta] | 40 | 50 | 60 |
| | | Temperature at tc-point [°C] | 60 | 70 | 75 |
| | | Lifetime [h] | 100000 | 80000 | 60000 |
| | HE 35 W | ECG ambient temperature [ta] | 40 | 50 | 60 |
| | | Temperature at tc-point [°C] | 60 | 70 | 75 |
| | | Lifetime [h] | 100000 | 80000 | 50000 |

Wiring Diagram















592456_EAC QT-FIT5

Additional product information

- In order to achieve good radio interference suppression: 1. Keep the cable between ECG and lamp as short as possible. 2. The single lamp wires must be routed as close as possible to each other, whereas the lines of the different lamp ends must be routed separately.

Product datasheet

Download Data

| File | |
|---|--|
|  | User instruction QUICKTRONIC QT FIT5 |
|  | Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM |
|  | Product Datasheet 342812_QT-FIT5 |
|  | Certificates 339586_VDE-Marks approval |
|  | Certificates 339588_EMC-Marks approval |
|  | Certificates 592319_EAC certificate for Quicktronics QT |
|  | Certificates 683441_ENEC-Marks approvals |
|  | Declarations of conformity QUICKTRONIC CE 3364256 060923 |
|  | CAD data 3-dim 339652_CAD QT-FIT5 3-DIM.x_t |
|  | CAD data 3-dim 339657_CAD QT-FIT5 3-DIM.STEP |
|  | CAD data 3-dim 339658_CAD QT-FIT5 3-DIM.IGS |
|  | CAD data PDF 339600_CAD QT-FIT5 |

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 |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4008321971258 | QT-FIT5 2X14...35 | Shipping carton box 20 | 305 mm x 161 mm x 104 mm | 5.11 dm ³ | 3797.00 g |

Product datasheet

Logistical Data

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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QUICKTRONIC FIT 5 | ECG for FL 16 mm

| Product name | Lamp group | Nominal current | Nominal wattage + Power loss | Power factor λ [PIM] | Luminous flux at 35 °C | Number of lighting outlets |
|-------------------|------------|-----------------|------------------------------|------------------------------|------------------------|----------------------------|
| QT-FIT5 2X14...35 | HE 13 W ES | 0.13 A | 29.00 W | 0.95 | 1150 lm | 2 |
| | HE 14 W | 0.14 A | 32.00 W | 0.98 | 1200 lm | 2 |
| | HE 19 W ES | 0.19 A | 43.00 W | 0.98 | 1800 lm | 2 |
| | HE 21 W | 0.22 A | 46.00 W | 0.98 | 1900 lm | 2 |
| | HE 25 W ES | 0.25 A | 56.00 W | 0.98 | 2450 lm | 2 |
| | HE 28 W | 0.26 A | 63.00 W | 0.98 | 2600 lm | 2 |
| | HE 32 W ES | 0.32 A | 71.00 W | 0.98 | 3100 lm | 2 |
| | HE 35 W | 0.35 A | 78.00 W | 0.98 | 3300 lm | 2 |
| | HE 35 W XT | 0.35 A | 78.00 W | 0.98 | 3300 lm | 2 |