

QT-FIT8 1X58...70

QUICKTRONIC FIT 8 | ECG for FL 26 mm



Areas of application

- Open-plan offices, corridors and storage rooms
- Public buildings
- Strip lighting
- Suitable for emergency lighting (DC operation)
- 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
- 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: 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 datasheet

Technical data

Electrical data

| | |
|--|---------------------------|
| Input voltage AC | 198...264 V |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Input voltage DC | 185...264 V ¹⁾ |
| Operating frequency | 40...50 kHz |
| Max. ECG no. on circuit breaker 10 A (B) | 17 ²⁾ |
| Max. ECG no. on circuit breaker 16 A (B) | 28 ²⁾ |
| Inrush current | 15 A |

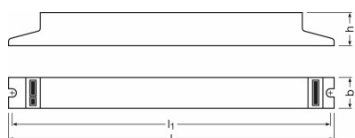
¹⁾ Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

²⁾ Type B

Light technical data

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

Dimensions & weight



| | |
|----------------------------------|---|
| Length | 280.0 mm |
| Width | 30.0 mm |
| Height | 28.0 mm |
| Mounting hole spacing, length | 270.0 mm |
| Product weight | 182.00 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 |
|---------------------------|--------------|

Product datasheet

| | |
|---|----------|
| Permitted rel. humidity during operation | 5...85 % |
|---|----------|

Lifespan

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

¹⁾ At maximum T_c / 10% failure rate

Expected Lifetime

| Product name | Lamp group | | | | |
|-------------------|------------|------------------------------|--------|--------|-------|
| QT-FIT8 1X58...70 | L 58 W | ECG ambient temperature [ta] | 40 | 50 | 60 |
| | | Temperature at tc-point [°C] | 50 | 60 | 65 |
| | | Lifetime [h] | 100000 | 100000 | 60000 |
| | L 70 W | ECG ambient temperature [ta] | 40 | 50 | 60 |
| | | Temperature at tc-point [°C] | 50 | 60 | 70 |
| | | Lifetime [h] | 100000 | 100000 | 60000 |

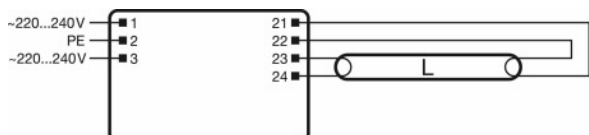
Capabilities

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

Certificates & standards











| | |
|----------------------------------|---|
| Approval marks – approval | VDE / VDE-EMC / ENEC 10 / CE |
| EEL – 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 | I |

Wiring Diagram









Wiring diagram

Download Data

| File | |
|---|---|
|  | Product Datasheet ECG lifetime - QUICKTRONIC non DIM |
|  | Product Family Datasheet Family data sheet QT-FIT8 |
|  | Brochures LUMILUX ES and OSRAM DULUX D ES Take a good look at |
|  | Certificates ENEC-Marks approval |
|  | Certificates INOTEC |
|  | Certificates CEAG |
|  | Certificates Manufacturer's declaration LampECG combinations: Frequent switching |
|  | Certificates VDE-EMC-Certificate QT-Fit8 |
|  | Certificates EAC certificate for Quicktronics QT |
|  | Certificates VDE-Certificate QT-FIT8 1x2x58-70 |

Product datasheet

| | |
|---|--|
|  | Declarations of conformity Declaration of conformity |
|  | Operating instructions EAC QT-FIT8 |
|  | CAD data 3-dim QUICKTRONIC fit T8 QT-FIT8 280x30x28 9900049 |
|  | CAD data 3-dim QUICKTRONIC fit T8 QT-FIT8 280x30x28 9900049 |
|  | CAD data 3-dim QUICKTRONIC fit T8 QT-FIT8 280x30x28 9900049 |
|  | CAD data PDF QUICKTRONIC fit T8 QT-FIT8 280x30x28 9900049 |

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4008321294227 | QT-FIT8 1X58...70 | Shipping carton box 20 | 303 mm x 132 mm x 185 mm | 7.40 dm ³ | 3853.00 g |
| 4052899926974 | QT-FIT8 1X58...70 | Shipping carton box 20 | 303 mm x 159 mm x 132 mm | 6.36 dm ³ | 3853.00 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 | Luminous flux at 35 °C | Number of lighting outlets |
|-------------------|------------|-----------------|------------------------------|------------------------|----------------------------|
| QT-FIT8 1X58...70 | L 51 W ES | 0.23 A | 50.00 W | 4200 lm | 1 |
| | L 58 W | 0.24 A | 54.00 W | 5000 lm | 1 |
| | L 70 W | 0.28 A | 62.00 W | 5900 lm | 1 |