

## QT-FIT8 2X58...70

QUICKTRONIC FIT 8 | ECG for FL 26 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 EEL: 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

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 <sup>1)</sup> |
| Maximum output power                     | 2 x 70 W                  |
| Efficiency in full-load                  | 91 % <sup>2)</sup>        |
| Operating frequency                      | 40...50 kHz               |
| Max. ECG no. on circuit breaker 10 A (B) | 8 <sup>3)</sup>           |
| Max. ECG no. on circuit breaker 16 A (B) | 13 <sup>3)</sup>          |
| Inrush current                           | 15 A                      |

<sup>1)</sup> Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

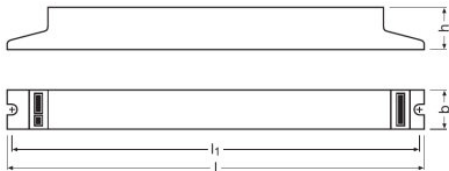
<sup>2)</sup> at 230 V, 50 Hz

<sup>3)</sup> Type B

Light technical data

|               |      |
|---------------|------|
| Starting time | 20 s |
|---------------|------|

Dimensions & weight



|                                  |                                         |
|----------------------------------|-----------------------------------------|
| Length                           | 3600 mm                                 |
| Width                            | 300 mm                                  |
| Height                           | 280 mm                                  |
| Mounting hole spacing, length    | 350.0 mm                                |
| Product weight                   | 26400 g                                 |
| Cable cross-section, output side | 0.5...1.5 mm <sup>2</sup> <sup>1)</sup> |
| Cable cross-section, input side  | 0.5...1.5 mm <sup>2</sup> <sup>1)</sup> |

<sup>1)</sup> Solid leads

Temperatures & operating conditions

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

<sup>1)</sup> Maximum 56 days/year at 85 %

Lifespan

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

<sup>1)</sup> At maximum T<sub>c</sub> / 10% failure rate

Expected Lifetime

| Product name      | Lamp group |                              |        |       |    |
|-------------------|------------|------------------------------|--------|-------|----|
| QT-FIT8 2X58...70 | L 58 W     | ECG ambient temperature [ta] | 40     | 50    | 60 |
|                   |            | Temperature at tc-point [°C] | 60     | 65    | -  |
|                   |            | Lifetime [h]                 | 100000 | 60000 | -  |

Additional product data

|                                   |           |
|-----------------------------------|-----------|
| Suitable for lamp power (2 lamps) | 58...70 W |
|-----------------------------------|-----------|

Capabilities

|                                        |               |
|----------------------------------------|---------------|
| 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 / VDE-EMC / ENEC 10 / CE                                                                                |
| 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          | I                                                                                                           |
| Type of protection        | IP20                                                                                                        |

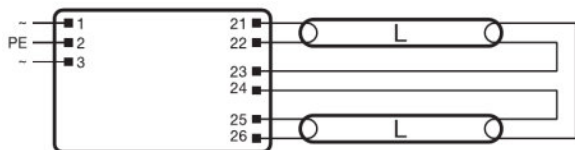
Logistical data

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

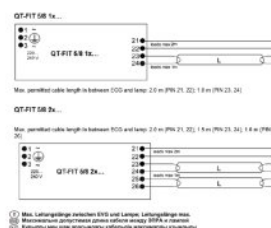
## Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (RECh) |                                                                                                    |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date of Declaration                                                  | 26-05-2023                                                                                         |
| Primary Article Identifier                                           | 4052899151932                                                                                      |
| 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                                     | 435d528a-b86f-4a32-8e64-62ad975ac859                                                               |

## Wiring Diagram



|                 | Q7-PT15B<br>1x10-20 | Q7-PT15B<br>1x34-36 | Q7-PT15B<br>2x10-20 | Q7-PT15B<br>2x34-36 |
|-----------------|---------------------|---------------------|---------------------|---------------------|
| 15A (E)         | 17 x                | 17 x                | 10 x                | 9 x                 |
| 15A (E)         | 8 10000-20000       | 8 10000-20000       | 8 10000-20000       | 8 10000-20000       |
| 15A (E)         | 28 / 47 x           | 28 / 47 x           | 10 / 32 x           | 13 / 22 x           |
| 15A (E)         | 8 10000-20000       | 8 10000-20000       | 8 10000-20000       | 8 10000-20000       |
| A               | ≤ 20 A              | ≤ 20 A              | ≤ 40 A              | ≤ 50 A              |
| T <sub>th</sub> | 0.0001 sec          | 0.0001 sec          | 0.0001 sec          | 0.0001 sec          |



OSRAM

319608 QT FIT8 2x..

590720 EAC QT-FIT8

### 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.

[Download Data](#)

## Product datasheet

| File                                                                                |                                                                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|    | User instruction<br>QUICKTRONIC QT FIT8                                                           |
|    | Product Datasheet<br>321439_ATI QT-FIT8 2x58 (G+GB)                                               |
|    | Certificates<br>QT FIT8 CCC 2016171002000662 171221                                               |
|    | Certificates<br>QT FIT8 CCC 2018171002002005 171221                                               |
|    | Certificates<br>QT FIT8 CCC attachment, 02301-1002-170112-BG, 171221                              |
|    | Certificates<br>334974_ENEC-Marks approval                                                        |
|    | Certificates<br>335097_INOTEC                                                                     |
|    | Certificates<br>335150_CEAG                                                                       |
|    | Certificates<br>335169_Manufacturer's declaration &#150; LampECG combinations: Frequent switching |
|   | Certificates<br>592319_EAC certificate for Quicktronics QT                                        |
|  | Certificates<br>642694_VDE-Certificate QT-FIT8 1x2x58-70                                          |
|  | Certificates<br>504209_VDE-EMC-Certificate QT-Fit8                                                |
|  | Declarations of conformity<br>QUICKTRONIC CE 3364256 060923                                       |
|  | CAD data 3-dim<br>316108_QUICKTRONIC QT-FIT8 360x30x28 9900051                                    |
|  | CAD data 3-dim<br>316109_QUICKTRONIC QT-FIT8 360x30x28 9900051                                    |
|  | CAD data 3-dim<br>316110_QUICKTRONIC QT-FIT8 360x30x28 9900051                                    |
|  | CAD data PDF<br>316101_QUICKTRONIC QT-FIT8 360x30x28 9900051                                      |

### 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.

Product datasheet

Logistical Data

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4052899151932 | QT-FIT8 2X58...70   | Shipping carton box<br>20    | 383 mm x 159 mm x 132 mm             | 8.04 dm <sup>3</sup> | 5442.00 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.

# QT-FIT8 2X58...70

QUICKTRONIC FIT 8 | ECG for FL 26 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-FIT8 2X58...70 | L 58 W     | 0.48 A          | 109.00 W                     | 0.98                 | 5000 lm                | 2                          |