

## QT-FIT 5/8 2X18...39

QUICKTRONIC FIT 5/8 | ECG for FL and CFL, not dimmable



### 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
- Modernization of existing systems

### 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

## 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> |
| Operating frequency                      | 40...50 kHz               |
| Max. ECG no. on circuit breaker 10 A (B) | 12 <sup>2)</sup>          |
| Max. ECG no. on circuit breaker 16 A (B) | 19 <sup>2)</sup>          |
| Inrush current                           | 40 A                      |

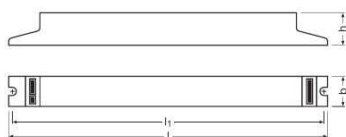
<sup>1)</sup> Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

<sup>2)</sup> Type B

### 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                   | 183.00 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 |
|---------------------------|--------------|

## Product datasheet

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

### Lifespan

|              |         |
|--------------|---------|
| ECG lifetime | 50000 h |
|--------------|---------|

### Expected Lifetime

| Product name         | Lamp group |                              |        |       |       |
|----------------------|------------|------------------------------|--------|-------|-------|
| QT-FIT 5/8 2X18...39 | HO 24 W    | ECG ambient temperature [ta] | 40     | 50    | 60    |
|                      |            | Temperature at tc-point [°C] | 55     | 60    | 70    |
|                      |            | Lifetime [h]                 | 100000 | 70000 | 40000 |
|                      | HO 39 W    | ECG ambient temperature [ta] | 40     | 50    | 58    |
|                      |            | Temperature at tc-point [°C] | 60     | 70    | 75    |
|                      |            | Lifetime [h]                 | 70000  | 40000 | 30000 |
|                      | L 18 W     | ECG ambient temperature [ta] | 40     | 50    | 60    |
|                      |            | Temperature at tc-point [°C] | 50     | 60    | 70    |
|                      |            | Lifetime [h]                 | 100000 | 90000 | 50000 |
|                      | L 30 W     | ECG ambient temperature [ta] | 40     | 50    | 60    |
|                      |            | Temperature at tc-point [°C] | 55     | 65    | 75    |
|                      |            | Lifetime [h]                 | 100000 | 60000 | 40000 |
|                      | L 36 W     | ECG ambient temperature [ta] | 40     | 50    | 60    |
|                      |            | Temperature at tc-point [°C] | 55     | 65    | 75    |
|                      |            | Lifetime [h]                 | 100000 | 60000 | 30000 |

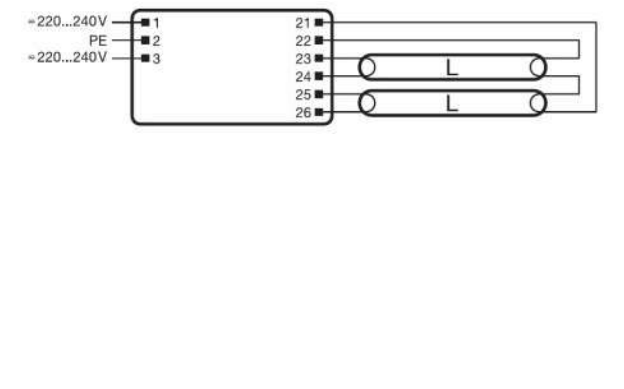
### Capabilities

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

### Certificates & standards

|                           |                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Approval marks – approval | CE / VDE / ENEC 10 / VDE-EMC                                                                                                               |
| EEI – Energy Label        | A2                                                                                                                                         |
| 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                                                                                                                                       |

Wiring Diagram



Wiring diagram

Download Data

| File                                                                                |                                                                  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | Product Datasheet<br>502688_ECG lifetime - QUICKTRONIC non DIM   |
|  | Product Family Datasheet<br>346488_Familiendatenblatt QT-FIT 5_8 |
|  | Certificates<br>592319_EAC certificate for Quicktronics QT       |
|  | Certificates<br>346513_ENEC QT-FIT 5_8                           |
|  | Certificates<br>346514 EMC QT-FIT 5_8                            |
|  | Certificates<br>346515_CE Declaration QT-FIT 5_8                 |
|  | Declarations of conformity<br>709431_Declaration of Conformity   |
|  | Operating instructions<br>592455_EAC QT-FIT 58                   |

Logistical Data

Product datasheet

| Product code  | Product description  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|----------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4008321873903 | QT-FIT 5/8 2X18...39 | Shipping carton box<br>20    | 312 mm x 165 mm x 98 mm              | 5.05 dm <sup>3</sup> | 3801.00 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 | Luminous flux at 25 °C |
|----------------------|------------|-----------------|------------------------------|------------------------|----------------------------|------------------------|
| QT-FIT 5/8 2X18...39 | HO 24 W    | 0.24 A          | 53.00 W                      | 1750 lm                | 2                          |                        |
|                      | HO 39 W    | 0.36 A          | 80.00 W                      | 3100 lm                | 2                          |                        |
|                      | L 16 W ES  | 0.15 A          | 33.00 W                      | 1100 lm                | 2                          |                        |
|                      | L 18 W     | 0.17 A          | 39.00 W                      | 1350 lm                | 2                          |                        |
|                      | L 18 W XT  | 0.17 A          | 39.00 W                      | 1350 lm                | 2                          |                        |
|                      | L 18 W XXT | 0.17 A          | 39.00 W                      | 1350 lm                | 2                          |                        |
|                      | L 23 W     | 0.26 A          | 59.30 W                      | 1900 lm                | 1                          |                        |
|                      | L 30 W     | 0.27 A          | 63.00 W                      |                        | 2                          | 2350 lm                |
|                      | L 36 W     | 0.31 A          | 70.00 W                      | 3200 lm                | 2                          |                        |
|                      | L 36 W XT  | 0.31 A          | 70.00 W                      | 3200 lm                | 2                          |                        |
|                      | L 36 W XXT | 0.31 A          | 70.00 W                      | 3200 lm                | 2                          |                        |
|                      |            |                 |                              |                        |                            |                        |
|                      |            |                 |                              |                        |                            |                        |