

## 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...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

<b>Input voltage</b>	198...264 V
<b>Nominal voltage</b>	220...240 V
<b>Mains frequency</b>	50...60 Hz Hz
<b>DC voltage</b>	185...264 V <sup>1)</sup>
<b>Operating frequency</b>	40...50 kHz
<b>Max. no. of ECGs on circuit breaker 10 A</b>	17 <sup>2)</sup>
<b>Max. no. of ECGs on circuit breaker 16 A</b>	28 <sup>2)</sup>

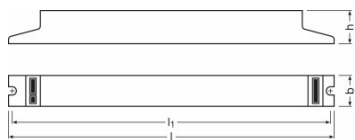
<sup>1)</sup> Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

<sup>2)</sup> Type B

### Light technical data

<b>Starting time</b>	2.0 s
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### Dimensions & weight



### Product line drawing

<b>Length</b>	280.0 mm
<b>Width</b>	30.0 mm
<b>Height</b>	28.0 mm
<b>Mounting hole spacing, length</b>	270.0 mm
<b>Product weight</b>	182.00 g
<b>Cable cross-section, output side</b>	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>
<b>Cable cross-section, input side</b>	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>

<sup>1)</sup> Solid leads

# Product datasheet

## Temperatures

Ambient temperature range	-15...+50 °C
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## Lifespan

ECG lifetime	50000 h <sup>1)</sup>
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<sup>1)</sup> At maximum  $T_c$  / 10 % failure rate

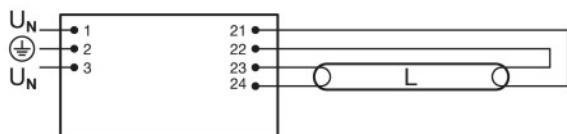
## Capabilities

Dimmable	No
Suitable for fixtures with prot. class	I
End of lamp life safety shutdown	EOL T.2

## Certificates & standards

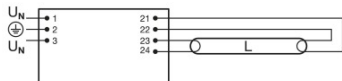
Approval marks – approval	VDE / VDE-EMC / ENEC 10 / CE
EEL – Energy Label	A2
Standards	acc. to EN 61347-2-3/acc. to EN 60929/acc. to EN 55015:2006 + A1:2007/acc. to EN 61000-3-2/acc. to EN 61547

## Wiring Diagram

















## Wiring diagram

# Product datasheet



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 EMC-Marks approval
	Certificates ENEC-Marks approval
	Certificates INOTEC
	Certificates CEAG
	Certificates Manufacturer's declaration LampECG combinations: Frequent switching
	Certificates VDE-EMC-Certificate QT-Fit8
	Declarations of conformity Declaration of conformity
	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

## Product datasheet

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### Logistical Data

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
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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.

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### Disclaimer

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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

## Product datasheet

### Lamp-ECG combination (System)

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