

## 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 emergency lighting (DC operation)
- Suitable for luminaires of protection class I
- Modernization of existing systems

# Product datasheet

## Technical data

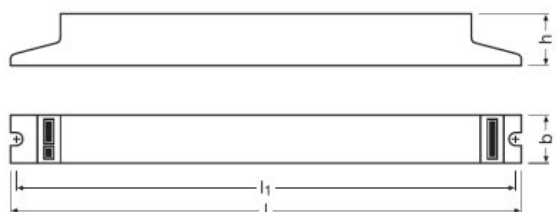
### Electrical data

Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage DC	198...264 V
Operating frequency	40...50 kHz

### Light technical data

Starting time	2.0 s
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### 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 <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 %

### Additional product data

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

### Certificates & standards

Approval marks – approval	VDE / ENEC 10 / VDE-EMC
EEI – 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	850410809000
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### 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

**QUICKTRONIC® FIT T5**

TYPE	QT-FIT5 1000-00	QT-FIT5 1000	QT-FIT5 1000	QT-FIT5 2000-00	QT-FIT5 2000	QT-FIT5 2000	QT-FIT5 3000	QT-FIT5 3000
LED (V)	17 x	17 x	17 x	17 x	17 x	17 x	17 x	17 x
LED (W)	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x
LED (L)	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x	28 x 47 x
LED (A)	< 20 A	< 20 A	< 20 A	< 40 A	< 40 A	< 50 A	< 50 A	< 40 A
T <sub>th</sub>	220 µs	220 µs	220 µs	220 µs	220 µs	220 µs	220 µs	220 µs

Max. permitted cable length in between ECG and lamp: 7.5 m (246 ft, 32), 1.5 m (590 in, 39)

Max. permitted cable length in between ECG and lamp: 7.5 m (246 ft, 32), 1.5 m (590 in, 39), 1.5 m (590 in, 39)

QT-FIT5 1x14, 3 lamp operation

Max. permitted cable length in between ECG and lamp: 7.5 m (246 ft, 32), 1.5 m (590 in, 39), 1.5 m (590 in, 39), 1.5 m (590 in, 39)

Max. Leitungslänge zwischen ECG und Lampe: Leitungslänge max.  
 Max. Leitungslänge zwischen ECG und Lampe: Leitungslänge max. 300 m, 300 m  
 Äquivalenzwert bei einer Äquivalenzfrequenz: 100 µs, 100 µs, 100 µs, 100 µs



592456\_EAC QT-FIT5

Download Data

File	
	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 090421
	CAD data 3-dim 339652_CAD QT-FIT5 3-DIM.x_t
	CAD data 3-dim 339657_CAD QT-FIT5 3-DIM.STEP

## Product datasheet



CAD data 3-dim  
339658\_CAD QT-FIT5 3-DIM.IGS



CAD data PDF  
339600\_CAD QT-FIT5

### 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	303 mm x 101 mm x 159 mm	4.87 dm <sup>3</sup>	3786.00 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-FIT5 2X14...35

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Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Power factor $\lambda$ [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