

## QTP5 2X14...35

QUICKTRONIC PROFESSIONAL 5 | ECG for FL 16 mm



### Product family features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Lamp start with optimum filament preheating
- Lifetime: up to 100,000 h (temperature at  $T_c = 65$  °C, max. 10 % failure rate)
- Energy Efficiency Index EEI: A2 BAT
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Safety: to EN 61347-2-3
- Lamp operation: to EN 60929

### Product family benefits

- Long lamp life
- No adverse effect from frequent on/off switching
- Perfect lamp start for applications with motion sensors
- Automatic restart after lamp replacement
- VDE/VDE EMC certified system
- Very high energy efficiency due to cut-off technology

### Areas of application

- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100
- Industry
- Open-plan offices, corridors and storage rooms
- Public buildings
- Sports halls and factories
- Strip lighting
- Suitable for emergency lighting (DC operation)
- Modernization of existing systems
- Suitable for luminaires of protection classes I and II

# 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	176...276 V
Maximum output power	2 x 35 W
Efficiency in full-load	93 % <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	24 A

<sup>1)</sup> at 230 V, 50 Hz

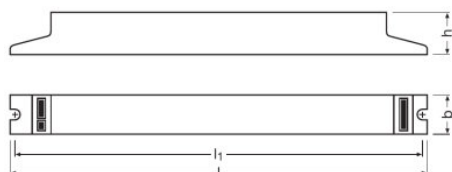
<sup>2)</sup> Type B

### Light technical data

Starting time	1.0 s <sup>1)</sup>
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<sup>1)</sup> If there is a temporary interruption in the power supply (< 0.5 s), the lamp will start within 0.3 s

### Dimensions & weight



Length	360.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	350.0 mm
Product weight	234.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
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## Product datasheet

Permitted rel. humidity during operation	5...85 % <sup>1)</sup>
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<sup>1)</sup> Maximum 56 days/year at 85 %

### Lifespan

ECG lifetime	100000 h <sup>1)</sup>
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<sup>1)</sup> At  $T_{case} = 65^{\circ}C$  at  $T_c$  point / 10% failure rate

### Expected Lifetime

Product name	Lamp group				
QTP5 2X14...35	HE 35 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	55	65	70
		Lifetime [h]	100000	100000	60000

### Additional product data

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

Suitable for fixtures with prot. class	I / II
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 / CE / ENEC 10
EEL – Energy Label	A2 BAT
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	III
Type of protection	IP20

### Logistical data

Commodity code	850410809000
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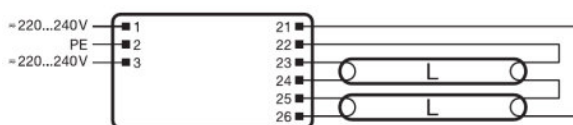
### Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
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## Product datasheet

Date of Declaration	14-04-2022
Primary Article Identifier	4008321329073
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	f34cf195-92c9-4c59-911f-f214924088d2

## Wiring Diagram




319639\_QTP5 2x...
















## 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

File	
	User instruction QUICKTRONIC QTP5

## Product datasheet

	Product Datasheet 334048_QUICKTRONIC PROFESSIONAL &#150; QTP5
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Certificates 335002_EMC-Marks approval
	Certificates 335097_INOTEC
	Certificates 335098_CEAG
	Certificates 335101_ENEC-VDE-Marks approval
	Certificates 335128_VDE Quality Tested Simplified luminaire approbation
	Certificates 335169_Manufacturer's declaration &#150; LampECG combinations: Frequent switching
	Certificates 592319_EAC certificate for Quicktronics QT
	Certificates 504210_VDE-EMC-Certificate QT5
	Declarations of conformity QUICKTRONIC CE 3364256 190821
	CAD data 3-dim 313485_360x30x21 9900024
	CAD data 3-dim 313490_360x30x21 9900024
	CAD data 3-dim 314282_360x30x21 9900024
	CAD data PDF 313392_360x30x21 9900024

### 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.

### Logistical Data

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

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### Logistical Data

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4008321329073	QTP5 2X14...35	Shipping carton box 20	370 mm x 96 mm x 170 mm	6.04 dm <sup>3</sup>	4900.00 g
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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

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	Power factor $\lambda$ [PIM]	Luminous flux at 35 °C	Number of lighting outlets
QTP5 2X14...35	DULUX L 28 W HE	0.26 A	56.00 W	0.98	2525 lm	2
	HE 13 W ES	0.13 A	28.00 W	0.95	1350 lm	2
	HE 14 W	0.14 A	30.00 W	0.98	1200 lm	2
	HE 19 W ES	0.185 A	42.00 W	0.98	1800 lm	2
	HE 21 W	0.20 A	45.00 W	0.98	1900 lm	2
	HE 25 W ES	0.24 A	54.00 W	0.98	2450 lm	2
	HE 28 W	0.26 A	60.00 W	0.98	2600 lm	2
	HE 32 W ES	0.30 A	68.00 W	0.98	3100 lm	2
	HE 35 W	0.33 A	75.00 W	0.98	3300 lm	2
	HE 35 W XT	0.33 A	75.00 W	0.98	3300 lm	2