

QTP5 1X14...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
Operating frequency	40...50 kHz
Max. ECG no. on circuit breaker 10 A (B)	17 ¹⁾
Max. ECG no. on circuit breaker 16 A (B)	28 ¹⁾
Inrush current	24 A

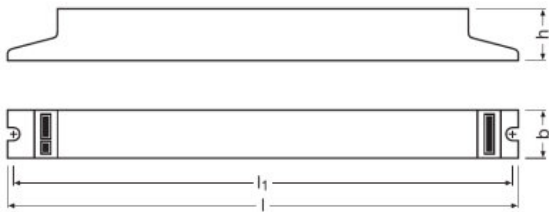
¹⁾ Type B

Light technical data

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

Dimensions & weight



Length	280.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	270.0 mm
Product weight	171.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Product datasheet

Lifespan

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

Expected Lifetime

Product name	Lamp group				
QTP5 1X14...35	HE 35 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	50	60	65
		Lifetime [h]	100000	100000	90000

Additional product data

Suitable for lamp power (1 lamp)	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

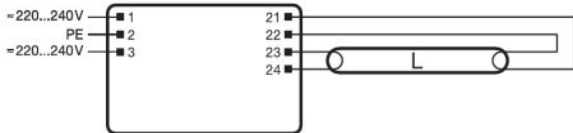
Certificates & standards

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

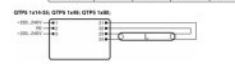
Commodity code	850410809000
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Wiring Diagram



QUICKTRONIC® QTP5

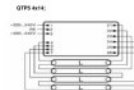
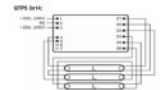
TYPE	QTP5 2x14-35	QTP5 1x48	QTP5 1x48	QTP5 2x14-35	QTP5 2x48	QTP5 2x14-35
LED	17 x	17 x	17 x	17 x	17 x	17 x
LED	8 710-10-18	8 710-10-18	8 710-10-18	8 710-10-18	8 710-10-18	8 710-10-18
LED	28 x	28 x	28 x	28 x	28 x	28 x
LED	8 710-10-18	8 710-10-18	8 710-10-18	8 710-10-18	8 710-10-18	8 710-10-18
LED	$\le 30 A$	$\le 20 A$	$\le 30 A$	$\le 20 A$	$\le 30 A$	$\le 30 A$
LED	200 µs	200 µs	200 µs	200 µs	100 µs	200 µs



Max. permitted cable length in between ECG and temp. 2.0 m (QTP5 21, 22, 23, 24), 1.0 m (QTP5 21, 24)



Max. permitted cable length in between ECG and temp. 2.0 m (QTP5 21, 22, 23, 24), 1.0 m (QTP5 21, 24)



Max. permitted cable length in between ECG and temp. 1.0 m (QTP5 4, 5, 11, 22, 23, 24), 1.0 m (QTP5 1, 2, 25)

1) Max. Leuchtstärke zwischen ECG und Lampe, Leuchtstärke max.

2) Temperaturerhöhung zwischen Lampe und Lampe, Temperaturerhöhung max.

3) Angaben von einer spezifizierten Leuchtstärke/Leuchtstärke pro Lampe.









319638_QTP5 1x..

592499_EAC QTP5

Download Data

File
Product Datasheet 321531_ATI QTP5 1x14-35 (G+GB)
Product Datasheet 334048_QUICKTRONIC PROFESSIONAL – 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 – LampECG combinations: Frequent switching

Product datasheet

	Certificates 592319_EAC certificate for Quicktronics QT
	Certificates 504210_VDE-EMC-Certificate QT5
	Declarations of conformity Quicktronic CE 3364256 070121
	CAD data 3-dim 322169_QTP5 1x14-35, QTP5 1x24-39, QTP5 1x49, QTP5 1X54
	CAD data 3-dim 322170_QTP5 1x14-35, QTP5 1x24-39, QTP5 1x49, QTP5 1X54
	CAD data PDF 322176_QTP5 1x14-35, QTP5 1x24-39, QTP5 1x49, QTP5 1X54

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321329035	QTP5 1X14...35	Shipping carton box 20	303 mm x 101 mm x 159 mm	4.87 dm ³	3586.00 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
QTP5 1X14...35	DULUX L 26 W HE	0.13 A	29.00 W	2470 lm	1
	DULUX L 28 W HE	0.13 A	28.50 W	2550 lm	1
	HE 13 W ES	0.075 A	15.00 W	1150 lm	1
	HE 14 W	0.08 A	16.00 W	1200 lm	1
	HE 19 W ES	0.10 A	22.00 W	1800 lm	1
	HE 21 W	0.11 A	24.00 W	1900 lm	1
	HE 25 W ES	0.12 A	27.00 W	2450 lm	1
	HE 28 W	0.14 A	31.00 W	2600 lm	1
	HE 32 W ES	0.15 A	34.00 W	3100 lm	1
	HE 35 W	0.17 A	38.00 W	3300 lm	1
	HE 35 W XT	0.17 A	38.00 W	3300 lm	1