

## QTP-D/E 1X10...13

QUICKTRONIC PROFESSIONAL M | ECG for CFL



### 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
- 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
- Separate installations thanks to optional cable clamp for K2 and K3 casings
- VDE/VDE EMC certified system

### Areas of application

- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100
- Public buildings
- Sports halls and factories
- Suitable for luminaires of protection class I

## 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 <sup>1)</sup>
Maximum output power	13 W
Efficiency in full-load	84 % <sup>2)</sup>
Operating frequency	44 kHz <sup>3)</sup>
Max. ECG no. on circuit breaker 10 A (B)	25 <sup>4)</sup>
Max. ECG no. on circuit breaker 16 A (B)	41 <sup>4)</sup>
Inrush current	7 A

<sup>1)</sup> Minimum voltage for lamp ignition: 198 V

<sup>2)</sup> at 230 V, 50 Hz

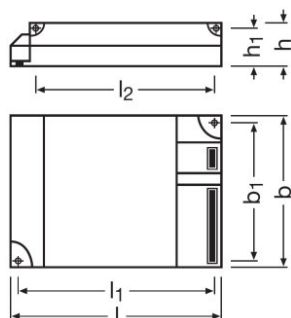
<sup>3)</sup> Approximately

<sup>4)</sup> Type B

#### Light technical data

Starting time	1.0 s
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#### Dimensions & weight



Length	93.0 mm
Width	58.0 mm
Height	29.0 mm
Mounting hole spacing, length	84.0 mm
Mounting hole spacing, width	48.0 mm
Product weight	100.00 g
Cable cross-section, output side	0.5...1.5 mm <sup>2</sup>
Cable cross-section, input side	0.5...1.5 mm <sup>2</sup>

## Temperatures & operating conditions

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

<sup>1)</sup> Maximum 56 days/year at 85 %

## Lifespan

ECG lifetime	50000 h <sup>1)</sup>
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<sup>1)</sup> At  $T_{case} = 75^{\circ}C$  at  $T_c$  point / 10% failure rate

## Additional product data

Product remark	Optional cable clamp, see chapter ECG mountings - cable clamp
Suitable for lamp power (1 lamp)	10...13 W

## 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 / ENEC 10 / GOST / RCM
EEI – 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
Protection class	III
Type of protection	IP20

## Logistical data

Commodity code	850410809000
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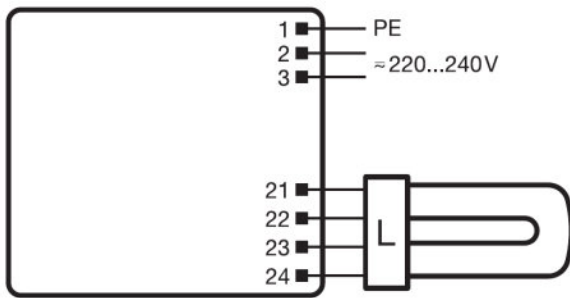
## Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	14-04-2022
Primary Article Identifier	4008321181572
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1

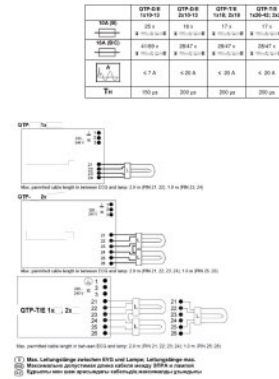
# Product datasheet

<b>Safe Use Instruction</b>	The identification of the Candidate List substance is sufficient to allow safe use of the article.
<b>Declaration No. in SCIP database</b>	6b96b3d4-1ac2-4bd8-b2b5-b87b256c00a1

## Wiring Diagram



QUICKTRONIC® QTP-D/E + QTP-T/E



**OSRAM**

319646\_QTP-TE 1x18 QTP-DE 1x10-13

596657\_EAC QTP-DE + QTP-TE

## 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 QTP D E QTP T E
Certificates 334954_ENEC-Marks approval
Certificates 335097_INOTEC
Certificates 335169_Manufacturer's declaration & #150; Lamp ECG combinations: Frequent switching

## Product datasheet

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	Certificates 504181_VDE-EMC-Certificate QTP DL_TE
	Declarations of conformity QUICKTRONIC CE 3364256 190821
	CAD data 3-dim 313424_93x58x29 9900039
	CAD data 3-dim 313465_93x58x29 9900039
	CAD data 3-dim 314271_93x58x29 9900039
	CAD data PDF 313399_93x58x29 9900039

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### 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.

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321181572	QTP-D/E 1X10...13	Shipping carton box 20	315 mm x 66 mm x 196 mm	4.07 dm <sup>3</sup>	2127.00 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.

## QTP-D/E 1X10...13

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Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Power factor $\lambda$ [PIM]	Luminous flux at 25 °C	Number of lighting outlets
QTP-D/E 1X10...13	DULUX D/E 10 W	0.05 A	12.00 W	0.95	600 lm	1
	DULUX D/E 13 W	0.07 A	15.00 W	0.95	900 lm	1
	DULUX S/E 11 W	0.06 A	14.00 W	0.95	900 lm	1
	DULUX S/E 9 W	0.05 A	9.50 W	0.92 c	600 lm	1
	DULUX T/E 13 W	0.07 A	15.00 W	0.95	900 lm	1
	HNS S/E 6.5W 2G7					
	HNS S/E 8W 2G7					
	NS 4W G5					
	NS 6W G5					
	NS 7W G5					