

QT-M 2X26...42 S

QUICKTRONIC MULTIWATT | 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 EEL: 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

- Public buildings
- Sports halls and factories
- Suitable for luminaires of protection class I

Technical data

Electrical data

Input voltage AC	198...264 V
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage DC	176...254 V ¹⁾
Maximum output power	2 x 42 W
Efficiency in full-load	92 % ²⁾
Operating frequency	45 kHz ³⁾
Max. ECG no. on circuit breaker 10 A (B)	8 ⁴⁾
Max. ECG no. on circuit breaker 16 A (B)	13 ⁴⁾
Inrush current	28 A
Line current	0.39 A

¹⁾ Minimum voltage for lamp ignition: 198 V

²⁾ at 230 V, 50 Hz

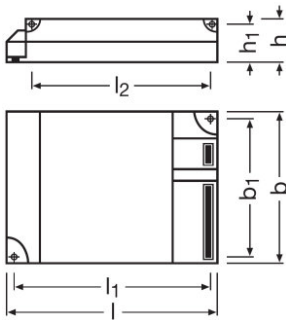
³⁾ Approximately

⁴⁾ Type B

Light technical data

Starting time	10 s
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Dimensions & weight



Length	1230 mm
Width	790 mm
Height	330 mm
Mounting hole spacing, length	111.0 mm
Product weight	28000 g
Cable cross-section, output side	0.5...1.5 mm ²
Cable cross-section, input side	0.5...1.5 mm ²

Temperatures & operating conditions

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

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At T_{case} = 75°C at T_c point / 10% failure rate

Additional product data

Suitable for lamp power (2 lamps)	26...42 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 / ENEC 10 / GOST / RCM
EEI – Energy Label	A2
Standards	Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61000-3-2/IEC 61000-3-2
Protection class	I
Type of protection	IP20

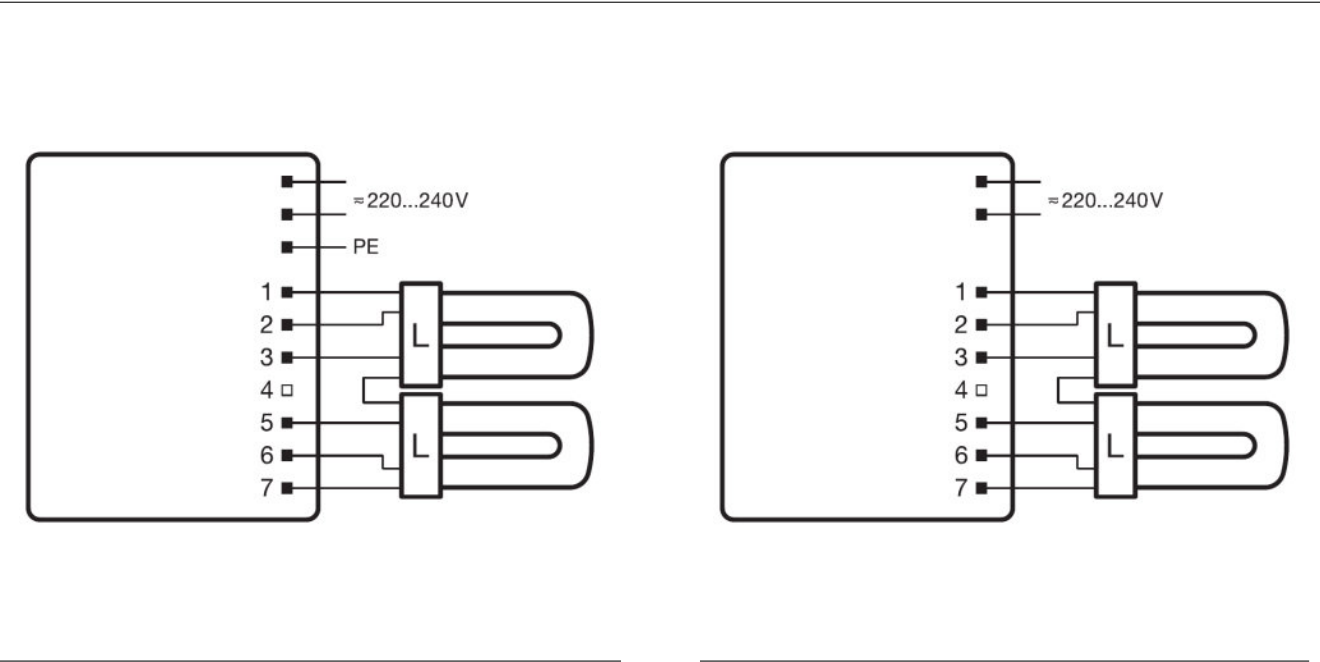
Logistical data

Commodity code	85041080900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	19-05-2023
Primary Article Identifier	4008321110022
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	211bb136-a02e-4a76-8c81-1897997ff9dd

Wiring Diagram



319636_QT-M 2x...S

319637_QT-M 2x...S

QUICKTRONIC® M

	QTP-M 1x26-42	QTP-M 2x26-42	QTP-M 2x26-42 S
TA (mm)	17.5	17.5	8 x
TA (mm)	8 (7.5-8.5)	8 (7.5-8.5)	8 (7.5-8.5)
TA (mm)	28 x	28 x	15 x
TA (mm)	8 (7.5-8.5)	8 (7.5-8.5)	8 (7.5-8.5)
A	4.18 A	4.18 A	4.18 A
Ta	200 µs	200 µs	200 µs

QTP-M 1x26-42

Max. permitted cable length in between ECO and lamp: 2.0 m (PIN 21, 22); 1.0 m (PIN 23, 24)

QTP-M 2x26-42¹⁾

QTP-M 2x26-42¹⁾
1 lamp wiring

¹⁾ Max. permitted cable length in between ECO and lamp: 2.0 m (PIN 21, 22); 1.0 m (PIN 23, 24)
²⁾ Max. permitted cable length in between ECO and lamp: 2.0 m (PIN 21, 22); 1.0 m (PIN 23, 24)

QTP-M 2x26-42/220-240 S

Max. permitted cable length in between ECO and lamp: 2.0 m (PIN 1, 2, 3, 4); 1.0 m (PIN 4, 7)

¹⁾ Max. permitted cable length in between ECO and lamp: 2.0 m (PIN 21, 22); 1.0 m (PIN 23, 24)
²⁾ Max. permitted cable length in between ECO and lamp: 2.0 m (PIN 21, 22); 1.0 m (PIN 23, 24)
³⁾ Max. permitted cable length in between ECO and lamp: 2.0 m (PIN 21, 22); 1.0 m (PIN 23, 24)

OSRAM

596698_EAC QTP-M

Product datasheet

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 M QT M
	Addon Technical Information 57965_ADDON TECHNICAL INFORMATION QT-M 2x26-42 S (G+GB)
	Certificates 334981_EMC-Marks approval QT-M
	Certificates 334982_ENEC-Marks approval QT-M
	Certificates 335126_CEAG requirements Compatibility to modules of manufacturers for emergency lighti
	Certificates 335169_Manufacturer's declaration – LampECG combinations: Frequent switching
	Certificates 504211_VDE-EMC-Certificate QT-M
	Declarations of conformity QUICKTRONIC CE 3364256 060923
	CAD data 3-dim 313449_123x79x33 9900044
	CAD data 3-dim 313489_123x79x33 9900044
	CAD data 3-dim 314264_123x79x33 9900044
	CAD data PDF 313391_123x79x33 9900044

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.

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321110022	QT-M 2X26...42 S	Shipping carton box 20	412 mm x 260 mm x 101 mm	10.82 dm ³	5958.00 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-M 2X26...42 S

QUICKTRONIC MULTIWATT | ECG for CFL

Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 25 °C	Number of lighting outlets	Luminous flux at 35 °C
QT-M 2X26...42 S	DULUX D/E 26 W	0.23 A	54.00 W	0.97	2*1800 lm	2	
	DULUX F 24 W	0.23 A	54.00 W	0.97		2	1700 lm
	DULUX F 36 W	0.30 A	70.00 W	0.97		2	2700 lm
	DULUX L 24 W	0.23 A	54.00 W	0.97		2	1750 lm
	DULUX L 36 W	0.30 A	70.00 W	0.97		2	2800 lm
	DULUX T/E 26 W	0.23 A	54.00 W	0.97	1800 lm	2	
	DULUX T/E 32 W	0.30 A	70.00 W	0.97	2400 lm	2	
	DULUX T/E 42 W	0.39 A	92.00 W	0.97	3200 lm	2	
	FC 22 W	0.36 A	54.00 W	0.97	1600 lm	2	1600 lm
	FC 40 W	0.36 A	88.00 W	0.97		2	3200 lm
	HO 24 W	0.23 A	54.00 W	0.97		2	1750 lm
	L 36 W	0.30 A	70.00 W	0.97		2	3200 lm