QTP-FC 1X55

QUICKTRONIC | ECG for circular 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
- Energy Efficiency Index EEI: A2 BAT
- Automatic shutdown of defective lamps and at end of life (EoL)
- 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
- Open-plan offices, corridors and storage rooms
- Public buildings
- Suitable for luminaires of protection class I

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Technical data

Electrical data

Input voltage AC	198…264 V
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Input voltage DC	176…264 V
Maximum output power	55 W
Efficiency in full-load	93 % [1]
Operating frequency	40…50 kHz
Max. ECG no. on circuit breaker 10 A (B)	11 [2]
Max. ECG no. on circuit breaker 16 A (B)	19 [2]

[1] at 230 V, 50 Hz

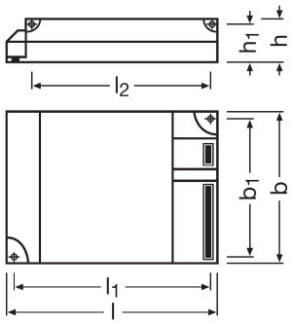
[2] Type B

Light technical data

Starting time	1.0 s [1]

[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	103.0 mm
Width	67.0 mm
Height	31.0 mm
Mounting hole spacing, length	94.0 mm
Mounting hole spacing, width	67.0 mm
Product weight	135.00 g
Cable cross-section, output side	0.5…1.5 mm²
Cable cross-section, input side	0.5…1.5 mm²

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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)]

[1)] At T_{case} = 75°C at T_c point / 10% failure rate

Additional product data

Suitable for lamp power (1 lamp)	55 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 BAT
Standards	Acc. to EN 61347-2-3/IEC 61347-2-3/Acc. to EN 55015:2006 + A1:2007/CISPR 15/Acc. to EN 61000-3-2/IEC 61000-3-2/Acc. to EN 61547/IEC 61547
Protection class	III
Type of protection	IP20

Logistical data

Commodity code	850410809000

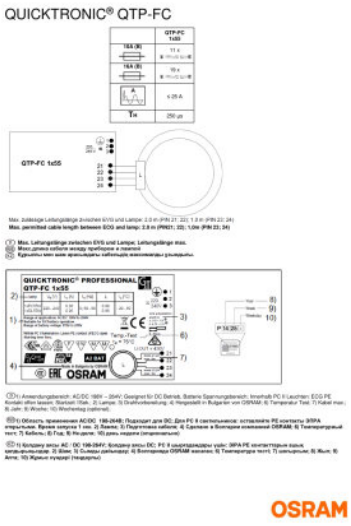
Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	26-05-2023
Primary Article Identifier	4008321537041
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.

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Declaration No. in SCIP database	a253df47-86c6-4ecc-adfe-e332bbf7495c

Wiring Diagram



596699_EAC QTP-FC

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 FC
	Certificates 335101_ENEC-VDE-Marks approval
	Declarations of conformity QUICKTRONIC CE 3364256 190821

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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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321537041	QTP-FC 1X55	Shipping carton box 20	355 mm x 96 mm x 220 mm	7.50 dm^3	3240.33 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	Power factor λ [PIM]	Luminous flux at 35 °C	Number of lighting outlets
QTP-FC 1X55	DULUX L 55 W	0.26 A	59.00 W	0.98	4800 lm	1
	FC 55 W	0.26 A	59.00 W	0.98	4200 lm	1

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