

PRODUCT DATASHEET

QTP-FC 1X55

QUICKTRONIC® | ECG for circular FL 16 mm



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

Product 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

Product 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

TECHNICAL DATA

Electrical data

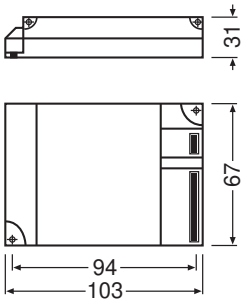
Nominal wattage	59.00 W
Nominal voltage	220...240 V
Input voltage AC	198...264 V
Input voltage DC	176...276 V
U-OUT (working voltage)	430 V
Mains frequency	50/60 Hz
Max. ECG no. on circuit breaker 10 A (B)	11 ¹⁾
Max. ECG no. on circuit breaker 16 A (B)	19 ¹⁾
Operating frequency	40...50 kHz

1) Type B

Light technical data

Starting time	1 s
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Dimensions & Weight



Length	103.00 mm
Mounting hole spacing, length	94,0 mm
Width	67.00 mm
Height	31.00 mm
Cable cross-section, input side	0.5...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Product weight	135.00 g

Colors & materials

Casing material	Metal
Body material	Metal

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °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 $T_{\text{case}} = 75^{\circ}\text{C}$ at T_c point / 10% failure rate

Capabilities

Dimmable	No
Max. cable length to lamp/LED module	2.0 m / 1.0 m
Suitable for fixtures with prot. class	I / II
End of lamp life safety shutdown	EOL T.2





Certificates & Standards

Approval marks – approval	VDE / VDE-EMC / ENEC 10 / GOST / RCM
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	I/II
Type of protection	IP20
Energy efficiency class	A2
EEL – Energy Label	A2 BAT

LOGISTICAL DATA

Temperature range at storage	-40...+85 °C
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DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	596699_EAC QTP-FC
	User instruction / safety instructions	334142_Technical guide - ECGs for T5-lamps
	Declarations of conformity	334858_Declaration of conformity – QTP-FC
	Certificates	335101_ENEC-VDE-Marks approval

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321537041	Unpacked 1		135.00 g	
4008321537058	Shipping box 20	355 mm x 96 mm x 220 mm	3240.33 g	7.50 dm ³

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.