PRODUCT DATASHEET
QT-FQ 2X80

QUICKTRONIC® FQ® | ECG for high efficiency FL 16 mm



Areas of application

- Industry
- Open-plan offices, corridors and storage rooms
- Public buildings
- Sports halls and factories
- Strip lighting
- Modernization of existing systems

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
- VDE/VDE EMC certified system
- Very high energy efficiency due to cut-off technology

Product features

- Supply voltage: 220…240 V
- Line voltage: 198…264 V
- Line frequency: 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
- Safety: to EN 61347-2-3

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– Automatic shutdown of defective lamps and at end of life (EoL T.2)

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TECHNICAL DATA

Electrical data

Nominal wattage	175.00 W
Nominal voltage	220…240 V
Input voltage AC	198…264 V
U-OUT (working voltage)	430 V
Inrush current	39 A
Mains frequency	50/60 Hz
Max. ECG no. on circuit breaker 10 A (B)	5 [1)]
Max. ECG no. on circuit breaker 16 A (B)	9 [1)]
Operating frequency	70…75 kHz

1) Type B

Light technical data

Starting time	1 s

Dimensions & Weight

Length	424.00 mm
Mounting hole spacing, length	415,0 mm
Width	30.00 mm
Height	21.00 mm
Product weight	381.00 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 Tcase = 75°C at Tc point / 10% failure rate

Capabilities

Dimmable	No
Max. cable length to lamp/LED module	1.5 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 / CE / ENEC 10
Standards	Acc. to EN 55015, CISPR 15 / Acc. to EN 61547/IEC 61547 / Acc. to EN 61000-3-2/IEC 61000-3-2 / Acc. to EN 61347-2-3/IEC 61347-2-3
Protection class	II
Type of protection	IP20
Energy efficiency class	A2
EEI – Energy Label	A2

LOGISTICAL DATA

Temperature range at storage	-40…+85 °C

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	334142_Technical guide - ECGs for T5-lamps
PDF	User instruction / safety instructions	590721_EAC QT-FQ
PDF	Declarations of conformity	339525_Declaration of Conformity (GB)
PDF	Certificates	335169_Manufacturer´s declaration – Lamp/ECG combinations: Frequent switching
PDF	Certificates	335101_ENEC-VDE-Marks approval
PDF	Certificates	554891_EAC PT family

	CAD/BIM files	Document name
PDF	CAD data 3D PDF	322175_QT-FQ 2x80

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300825564	Unpacked 1		400.00 g	
4050300825571	Shipping box 20	455 mm x 98 mm x 163 mm	7860.00 g	7.27 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.

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