

## product\_datasheet\_title 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  $T_c = 65\text{ °C}$ , max. 10 % failure rate)
- Energy Efficiency Index EEI: A2
- Safety: to EN 61347-2-3
- Automatic shutdown of defective lamps and at end of life (EoL T.2)

## 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 <sup>1)</sup>
Max. ECG no. on circuit breaker 16 A (B)	9 <sup>1)</sup>
Operating frequency	70...75 kHz

1) Type B

## LIGHT TECHNICAL DATA

Starting time	1 s
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## DIMENSIONS &amp; 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 &amp; MATERIALS

Casing material	Metal
Body material	Metal

## TEMPERATURES &amp; 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 % <sup>1)</sup>

1) Maximum 56 days/year at 85 %

## LIFESPAN

ECG lifetime	50000 h <sup>1)</sup>
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1) At T<sub>case</sub> = 75°C at T<sub>c</sub> 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
EEL – Energy Label	A2

## LOGISTICAL DATA

Temperature range at storage	-40...+85 °C
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## download\_data

Documents and certificates		document_name
	Declarations Of Conformity CE	339525_Declaration of Conformity (GB)
	Certificates	335169_Manufacturer's declaration – Lamp/ECG combinations: Frequent switching
	Certificates	335101_ENEC-VDE-Marks approval
	Certificates	554891_EAC PT family
CAD/BIM files		document_name
	CAD data 3D PDF	322175_QT-FQ 2x80

## logistical\_data

product_code	packaging_unit	dimensions	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 <sup>3</sup>

logistical\_data\_text

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disclaimer\_title

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