

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

Product datasheet

Technical data

Electrical data

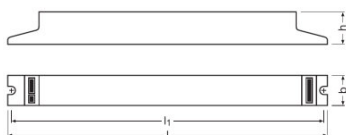
Input voltage AC	198...264 V
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage DC	-
Operating frequency	70...75 kHz
Max. ECG no. on circuit breaker 10 A (B)	5 ¹⁾
Max. ECG no. on circuit breaker 16 A (B)	9 ¹⁾
Inrush current	39 A

¹⁾ Type B

Light technical data

Starting time	1.0 s
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Dimensions & weight



Length	424.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	415.0 mm
Product weight	381.00 g

Temperatures & operating conditions

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

Lifespan

ECG lifetime	50000 h ¹⁾
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Product datasheet

1) At $T_{\text{case}} = 75^{\circ}\text{C}$ at $T_{\text{c point}}$ / 10% failure rate

Expected Lifetime

Product name	Lamp group				
QT-FQ 2X80	HO 80 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	60	70	75
		Lifetime [h]	100000	80000	50000

Capabilities

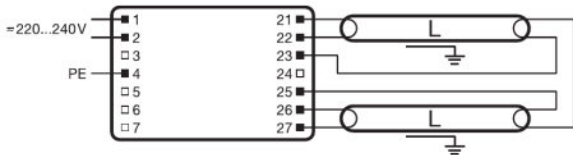
Suitable for fixtures with prot. class	I / II
End of lamp life safety shutdown	EOL T.2

Certificates & standards

Approval marks – approval	VDE / VDE-EMC / ENEC 10 / GOST / RCM
EEI – Energy Label	A2
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











Product datasheet

Wiring Diagram



Wiring diagram

Download Data

File	
	Product Datasheet 334048_QUICKTRONIC PROFESSIONAL – QTP5
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Certificates 335101_ENEC-VDE-Marks approval
	Certificates 335169_Manufacturer's declaration – LampECG combinations: Frequent switching
	Certificates 592319_EAC certificate for Quicktronics QT
	Declarations of conformity 339525_Declaration of Conformity (GB)
	Installation/Operation notice 334142_Technical guide - ECGs for T5-lamps
	Operating instructions 590721_EAC QT-FQ
	CAD data 3-dim 322167_QT-FQ 2x80
	CAD data 3-dim 322168_QT-FQ 2x80

Product datasheet



CAD data PDF
322175_QT-FQ 2x80

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300825564	QT-FQ 2X80	Shipping carton box 20	455 mm x 98 mm x 163 mm	7.27 dm ³	7860.00 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.

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Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
QT-FQ 2X80	DULUX L 55 W	0.59 A	122.00 W	4800 lm	2
	DULUX L 80 W	0.76 A	175.00 W	6150 lm	2
	HO 73 W ES	0.71 A	162.00 W	6150 lm	2
	HO 80 W	0.76 A	175.00 W	6300 lm	2
	HO 80 W XT	0.76 A	175.00 W	6300 lm	2