

## PRODUCT DATASHEET QT-FIT5 2X49

QUICKTRONIC FIT 5 | ECG for FL 16 mm



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### AREAS OF APPLICATION

- Open-plan offices, corridors and storage rooms
- Public buildings
- Strip lighting
- Suitable for emergency lighting (DC operation)
- Suitable for luminaires of protection class I
- Modernization of existing systems

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### 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

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### PRODUCT FEATURES

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz | 60 Hz
- Lamp start with optimum filament preheating
- Energy Efficiency Index EEI: A2
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Lamp operation: to EN 60929
- Safety: to EN 61347-2-3

**TECHNICAL DATA**

Electrical data

<b>Input voltage AC</b>	198...264 V
<b>Nominal voltage</b>	220...240 V
<b>Mains frequency</b>	50...60 Hz
<b>Input voltage DC</b>	185...264 V <sup>1)</sup>
<b>Operating frequency</b>	40...50 kHz
<b>Max. ECG no. on circuit breaker 10 A (B)</b>	8 <sup>2)</sup>
<b>Max. ECG no. on circuit breaker 16 A (B)</b>	13 <sup>2)</sup>
<b>Inrush current</b>	53 A

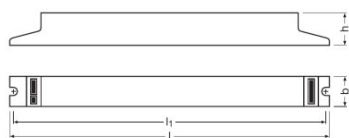
<sup>1)</sup> Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

<sup>2)</sup> Type B

Light technical data

<b>Starting time</b>	2.0 s
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Dimensions & weight



<b>Length</b>	280.0 mm
<b>Width</b>	30.0 mm
<b>Height</b>	21.0 mm
<b>Mounting hole spacing, length</b>	270.0 mm
<b>Product weight</b>	185.00 g
<b>Cable cross-section, output side</b>	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>
<b>Cable cross-section, input side</b>	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>

<sup>1)</sup> Solid leads

Temperatures & operating conditions

<b>Ambient temperature range</b>	-15...+50 °C
<b>Permitted rel. humidity during operation</b>	5...85 %

Lifespan

<b>ECG lifetime</b>	50000 h
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Expected Lifetime

Product name	Lamp group				
QT-FIT5 2X49	HO 45 W ES	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	60	65	75
		Lifetime [h]	100000	90000	50000
	HO 49 W	ECG ambient temperature [ta]	40	50	56
		Temperature at tc-point [°C]	65	70	75
		Lifetime [h]	100000	40000	50000

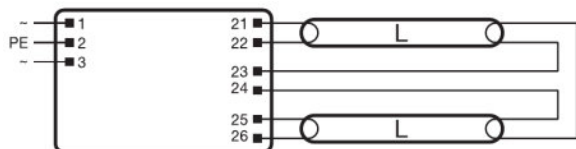
Capabilities

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

Certificates & standards









<b>Approval marks – approval</b>	VDE / ENEC 10 / VDE-EMC
<b>EEI – Energy Label</b>	A2 BAT
<b>Standards</b>	Acc. to EN 61347-2-3/IEC 61347-2-3/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61000-3-2/IEC 61000-3-2/Acc. to EN 61547/IEC 61547
<b>Protection class</b>	I/II

Wiring Diagram



Wiring diagram

DOWNLOAD DATA

File	
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Product Datasheet 342812_QT-FIT5
	Certificates 554891_EAC PT family
	Certificates 683441_ENEC-Marks approvals
	Declarations of conformity 616200_Declaration of Conformity (GB)
	Operating instructions 592456_EAC QT-FIT5
	Operating instructions 592456_EAC QT-FIT5
	CAD data PDF 339600_CAD QT-FIT5

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321832153	QT-FIT5 2X49	Shipping carton box 20	312 mm x 98 mm x 165 mm	5.05 dm <sup>3</sup>	3841.00 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.

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#### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

QUICKTRONIC FIT 5 | ECG for FL 16 mm

Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
QT-FIT5 2X49	HO 45 W ES	0.43 A	98.00 W	4300 lm	2
	HO 49 W	0.47 A	106.00 W	4300 lm	2