

QT-FIT5 1X49

QUICKTRONIC FIT 5 | ECG for FL 16 mm



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

Product family 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 family 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

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	186...276 V ¹⁾
Operating frequency	40...50 kHz
Max. ECG no. on circuit breaker 10 A (B)	17 ²⁾
Max. ECG no. on circuit breaker 16 A (B)	28 ²⁾
Inrush current	24 A

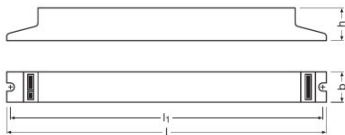
¹⁾ Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

²⁾ Type B

Light technical data

Starting time	2.0 s
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Dimensions & weight



Length	280.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	270.0 mm
Product weight	155.00 g
Cable cross-section, output side	0.5...1.5 mm ² ¹⁾
Cable cross-section, input side	0.5...1.5 mm ² ¹⁾

¹⁾ Solid leads

Temperatures & operating conditions

Ambient temperature range	-15...+50 °C
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Product datasheet

Permitted rel. humidity during operation	5...85 % ¹⁾
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¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h
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Expected Lifetime

Product name	Lamp group				
QT-FIT5 1X49	HO 45 W ES	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	50	60	70
		Lifetime [h]	100000	100000	50000
	HO 49 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	55	60	70
		Lifetime [h]	100000	100000	70000

Additional product data

Suitable for lamp power (1 lamp)	49 W
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Capabilities

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

Certificates & standards

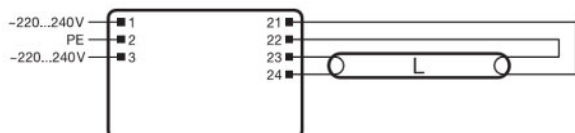
Approval marks – approval	VDE / ENEC 10 / VDE-EMC
EEI – Energy Label	A2
Standards	Acc. to EN 61347-2-12/IEC 61347-2-12/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61000-3-2/IEC 61000-3-2/Acc. to EN 61547/IEC 61547
Protection class	III
Type of protection	IP20

Logistical data

Commodity code	850410809000
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Product datasheet

Wiring Diagram



Wiring diagram

Download Data

File	
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Product Datasheet 342812_QT-FIT5
	Certificates 592319_EAC certificate for Quicktronics QT
	Certificates 683441_ENEC-Marks approvals
	Declarations of conformity 616200_Declaration of Conformity (GB)
	Operating instructions 592456_EAC QT-FIT5
	CAD data PDF 339599_CAD QT-FIT5

Logistical Data

Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321832139	QT-FIT5 1X49	Shipping carton box 20	313 mm x 161 mm x 98 mm	4.94 dm ³	3248.00 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.

QT-FIT5 1X49

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 1X49	HO 45 W ES	0.21 A	49.00 W	4300 lm	1
	HO 49 W	0.24 A	54.00 W	4300 lm	1