PRODUCT DATASHEET
QT-FIT5 2X49

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 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
- Energy Efficiency Index EEI: A2
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Lamp operation: to EN 60929

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– Safety: to EN 61347-2-3

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TECHNICAL DATA

Electrical data

Nominal wattage	110.00 W
Nominal voltage	220…240 V
Input voltage AC	198…264 V
Input voltage DC	185…264 V [1)]
U-OUT (working voltage)	430 V
Inrush current	53 A
Mains frequency	50/60 Hz
Max. ECG no. on circuit breaker 10 A (B)	8 [2)]
Max. ECG no. on circuit breaker 16 A (B)	13 [2)]
Operating frequency	40…50 kHz

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

2) Type B

Light technical data

Starting time	2 s

Dimensions & Weight

Length	280.00 mm
Mounting hole spacing, length	270,0 mm
Width	30.00 mm
Height	21.00 mm
Cable cross-section, input side	0.5…1.5 mm^2 [1)]
Cable cross-section, output side	0.5…1.5 mm^2 [1)]
Product weight	185.00 g

1) Solid leads

Colors & materials

Casing material	Metal
Body material	Metal

Temperatures & operating conditions

Ambient temperature range	-15…+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C

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Permitted rel. humidity during operation	5…85 % [1)]

1) Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h

Capabilities

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

Certificates & Standards

Approval marks – approval	VDE / ENEC 10 / VDE-EMC
Standards	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
Protection class	I/II
Type of protection	IP20
Energy efficiency class	A2
EEI – Energy Label	A2 BAT

LOGISTICAL DATA

Temperature range at storage	-40…+85 °C

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	592456_EAC QT-FIT5
PDF	Declarations of conformity	616200_Declaration of Conformity (GB)
PDF	Certificates	683441_ENEC-Marks approvals
PDF	Certificates	554891_EAC PT family

	CAD/BIM files	Document name
PDF	CAD data 3D PDF	339600_CAD QT-FIT5

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321832153	Unpacked 1		185.00 g	
4008321832160	Shipping box 20	312 mm x 98 mm x 165 mm	3841.00 g	5.05 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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