PRODUCT DATASHEET
QT-FIT8 2X58…70

QUICKTRONIC® FIT 8 | ECG for FL 26 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

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	15 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	360.00 mm
Mounting hole spacing, length	350,0 mm
Width	30.00 mm
Height	28.00 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	264.00 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	70 °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 [1)]

1) At maximum Tc / 10% failure rate

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 / VDE-EMC / ENEC 10 / CE
Standards	Acc. to EN 61347-2-3 / Acc. to EN 60929 / Acc. to EN 55015:2006 + A1:2007 / Acc. to EN 61000-3-2 / Acc. to EN 61547
Protection class	1
Type of protection	IP20
Energy efficiency class	A2
EEI – Energy Label	A2

LOGISTICAL DATA

Temperature range at storage	-40…+85 °C

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	590720_EAC QT-FIT8
PDF	Declarations of conformity	339525_Declaration of Conformity (GB)
PDF	Certificates	335097_INOTEC
PDF	Certificates	335169_Manufacturer´s declaration – Lamp/ECG combinations: Frequent switching
PDF	Certificates	554891_EAC PT family

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	Documents and certificates	Document name
PDF	Certificates	335150_CEAG
PDF	Certificates	334974_ENEC-Marks approval
PDF	Certificates	642694_VDE-Certificate QT-FIT8 1x/2x58-70
PDF	Certificates	504209_VDE-EMC-Certificate QT-Fit8
PDF	Product family datasheet	336477_Family data sheet QT-FIT8

	CAD/BIM files	Document name
PDF	CAD data 3D PDF	316101_QUICKTRONIC QT-FIT8 360x30x28 9900051

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899151932	Unpacked 1		264.00 g	
4052899151949	Shipping box 20	383 mm x 159 mm x 132 mm	5442.00 g	8.04 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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