

QT-FIT8 1X58...70

QUICKTRONIC FIT 8 | ECG for FL 26 mm



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 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

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 datasheet

Technical data

Electrical data

Input voltage AC	198...264 V
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage DC	185...264 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	15 A

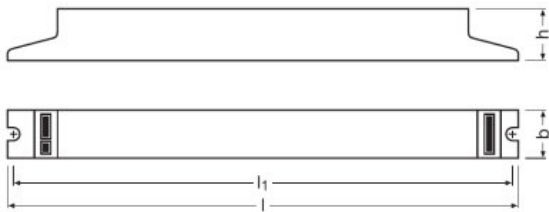
¹⁾ Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

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	28.0 mm
Mounting hole spacing, length	270.0 mm
Product weight	182.00 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 ¹⁾
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¹⁾ At maximum T_c / 10% failure rate

Expected Lifetime

Product name	Lamp group				
QT-FIT8 1X58...70	L 58 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	50	60	65
		Lifetime [h]	100000	100000	60000

Additional product data

Suitable for lamp power (1 lamp)	58...70 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

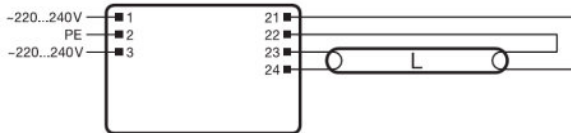
Certificates & standards

Approval marks – approval	VDE / VDE-EMC / ENEC 10 / CE
EEL – Energy Label	A2
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	I
Type of protection	IP20

Logistical data

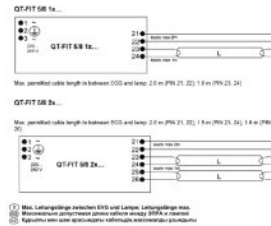
Commodity code	850410809000
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Wiring Diagram



QUICKTRONIC® FIT T5/T8

Series	QT-FIT8 1x58-28	QT-FIT8 1x58-36	QT-FIT8 2x58-28	QT-FIT8 2x58-36
Max. W	17.4	17.4	34.8	34.8
Max. L	280	280	280	280
Max. W x L	280 x 17.4	280 x 17.4	280 x 34.8	280 x 34.8
Max. W x L x H	280 x 17.4 x 28	280 x 17.4 x 28	280 x 34.8 x 28	280 x 34.8 x 28
Ta	40°C	40°C	40°C	40°C



319607_QT-FIT8 1x..

590720_EAC QT-FIT8

Download Data

File
Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
Certificates 334974_ENEC-Marks approval
Certificates 335097_INOTEC
Certificates 335150_CEAG
Certificates 335169_Manufacturer's declaration – LampECG combinations: Frequent switching
Certificates 592319_EAC certificate for Quicktronics QT
Certificates 642694_VDE-Certificate QT-FIT8 1x2x58-70
Certificates 504209_VDE-EMC-Certificate QT-Fit8
CAD data 3-dim 316102_QUICKTRONIC fit T8 QT-FIT8 280x30x28 9900049

Product datasheet



CAD data 3-dim
316103_QUICKTRONIC fit T8 QT-FIT8 280x30x28 9900049



CAD data 3-dim
316104_QUICKTRONIC fit T8 QT-FIT8 280x30x28 9900049



CAD data PDF
316099_QUICKTRONIC fit T8 QT-FIT8 280x30x28 9900049

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321294227	QT-FIT8 1X58...70	Shipping carton box 20	303 mm x 132 mm x 185 mm	7.40 dm ³	3853.00 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-FIT8 1X58...70

QUICKTRONIC FIT 8 | ECG for FL 26 mm

Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 35 °C	Number of lighting outlets
QT-FIT8 1X58...70	L 58 W	0.24 A	54.00 W	0.96	5000 lm	1