

QT-FIT 5/8 1X54...58

QUICKTRONIC FIT 5/8 | ECG for FL and CFL, not dimmable



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 luminaires of protection class I
- Modernization of existing systems

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⁾
Maximum output power	58 W
Efficiency in full-load	95 % ²⁾
Operating frequency	40...50 kHz
Max. ECG no. on circuit breaker 10 A (B)	17 ³⁾
Max. ECG no. on circuit breaker 16 A (B)	28 ³⁾
Inrush current	24 A

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

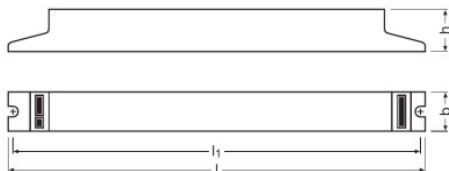
²⁾ at 230 V, 50 Hz

³⁾ 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	154.00 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

Product datasheet

Temperatures & operating conditions

Ambient temperature range	-15...+50 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h
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Expected Lifetime

Product name	Lamp group				
QT-FIT 5/8 1X54...58	HO 54 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	50	60	70
		Lifetime [h]	100000	80000	50000
	L 58 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	50	60	70
		Lifetime [h]	100000	80000	50000

Additional product data

Suitable for lamp power (1 lamp)	54...58 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
Intended for no-load operation	No

Certificates & standards

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

Logistical data

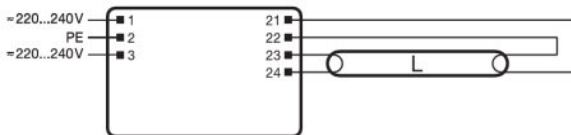
Product datasheet

Commodity code	85041080900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	19-05-2023
Primary Article Identifier	4008321873828
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	714c2ab5-541e-4fb9-a32a-acb972d72ffa

Wiring Diagram



QUICKTRONIC® FIT T5/T8

	QT-FIT5	QT-FIT5L	QT-FIT5S	QT-FIT5B
LED-BE	13 x	13 x	12 x	8 x
LED-LENG	8 1/2 x 112 x 8	8 1/2 x 112 x 8	8 1/2 x 112 x 8	8 1/2 x 112 x 8
LED-LENG	20 - 47 x	20 - 47 x	19 - 102 x	13 - 102 x
LED-LENG	8 1/2 x 112 x 8	8 1/2 x 112 x 8	8 1/2 x 112 x 8	8 1/2 x 112 x 8
Ta	± 20 A	± 20 A	± 40 A	± 60 A
Ta	200 µs	200 µs	200 µs	200 µs

QT-FIT 58 1x..



Min. permitted cable length in between 000 and lamp: 2.0 m (PIN 21, 22), 1.8 m (PIN 23, 24)

QT-FIT 58 2x..



Min. permitted cable length in between 000 and lamp: 2.0 m (PIN 21, 22), 1.8 m (PIN 23, 24), 1.4 m (PIN 25, 26)

OSRAM

319638_QTP5 1x..








592455_EAC QT-FIT 58

Additional product information

- In order to achieve good radio interference suppression:1. Keep the cable between ECG and lamp as short as possible.2. The single lamp wires must be routed as close as possible to each other, whereas the lines of the different lamp ends must be routed separately.

Product datasheet

Download Data

File	
	User instruction QUICKTRONIC QT FIT 5 8
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Certificates 592319_EAC certificate for Quicktronics QT
	Certificates 346513_ENEC QT-FIT 5_8
	Certificates 346514_EMCC QT-FIT 5_8
	Certificates 346515_CE Declaration QT-FIT 5_8
	Declarations of conformity QUICKTRONIC CE 3364256 190821

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321873828	QT-FIT 5/8 1X54...58	Shipping carton box 20	312 mm x 165 mm x 98 mm	5.05 dm ³	3221.00 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-FIT 5/8 1X54...58

QUICKTRONIC FIT 5/8 | ECG for FL and CFL, not dimmable

Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 35 °C	Number of lighting outlets
QT-FIT 5/8 1X54...58	HO 50 W ES	0.25 A	59.00 W	0.98	4450 lm	1
	HO 54 W	0.25 A	59.00 W	0.98	4450 lm	1
	L 58 W	0.24 A	54.00 W	0.98	5000 lm	1