

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 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⁾
Maximum output power	70 W
Efficiency in full-load	91 % 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	15 A

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

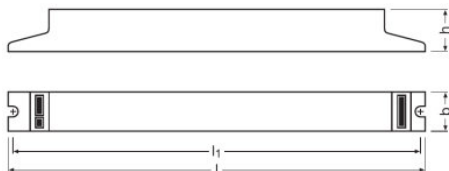
²⁾ at 230 V, 50 Hz

³⁾ Type B

Light technical data

Starting time	2.0 s
---------------	-------

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

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 ¹⁾
--------------	-----------------------

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
----------------------------------	-----------

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	VDE / VDE-EMC / ENEC 10 / CE
EEI – 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

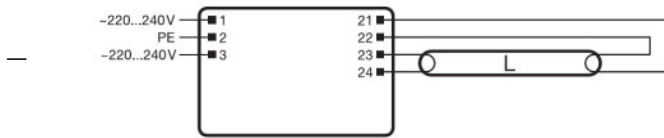
Commodity code	850410809000
----------------	--------------

Product datasheet

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	14-04-2022
Primary Article Identifier	4008321294227
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	553f952c-32f6-4842-beaa-87800b1b86b1

Wiring Diagram



QUICKTRONIC® FIT T5/T8

	QT-FIT8 1X58-24	QT-FIT8 1X58-28	QT-FIT8 2X58-24	QT-FIT8 2X58-28
Max. W	17 W	17 W	17 W	17 W
Max. L	1100 mm	1100 mm	1100 mm	1100 mm
Max. L	200 mm	200 mm	200 mm	200 mm
Ta	200 µs	200 µs	200 µs	200 µs

QT-FIT 58 1x..



Max. permitted cable length in between ODS and lamp: 2.0 m (PN 21, 22), 1.4 m (PN 23, 24)

QT-FIT 58 2x..



Max. permitted cable length in between ODS and lamp: 2.0 m (PN 21, 22), 1.4 m (PN 23, 24), 1.4 m (PN 25, 26)

① Max. Leuchtstromeinheiten (LEU) sind jeweils parallelgeschaltet.
 ② Maximaler Strom pro Lampe gemäß Angabe gemäß IEC 60969.
 ③ Angaben für eine typische Leuchtstofflampe (L) sind angegeben.

OSRAM

319607_QT-FIT8 1x..

















590720_EAC QT-FIT8

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.

Download Data

Product datasheet

File	
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Certificates QT FIT8 CCC 2016171002000662 171221
	Certificates QT FIT8 CCC 2018171002002005 171221
	Certificates QT FIT8 CCC attachment, 02301-1002-170112-BG, 171221
	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
	Declarations of conformity QUICKTRONIC CE 3364256 190821
	CAD data 3-dim 316102_QUICKTRONIC fit T8 QT-FIT8 280x30x28 9900049
	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

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.

Product datasheet

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