

QUICKTRONIC FIT 5/8

ECG for FL and CFL, not dimmable



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 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

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 datasheet

Technical data

Electrical data

Product description	Input voltage AC	Nominal voltage	Mains frequency	Input voltage DC
QT-FIT 5/8 1X18...39	198...264 V	220...240 V	50...60 Hz	185...264 V ¹⁾
QT-FIT 5/8 1X54...58	198...264 V	220...240 V	50...60 Hz	185...264 V ¹⁾
QT-FIT 5/8 2X18...39	198...264 V	220...240 V	50...60 Hz	185...264 V ¹⁾
QT-FIT 5/8 2X54...58	198...264 V	220...240 V	50...60 Hz	185...264 V ¹⁾

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

Light technical data

Product description	Starting time
QT-FIT 5/8 1X18...39	2.0 s
QT-FIT 5/8 1X54...58	2.0 s
QT-FIT 5/8 2X18...39	2.0 s
QT-FIT 5/8 2X54...58	2.0 s

Dimensions & weight

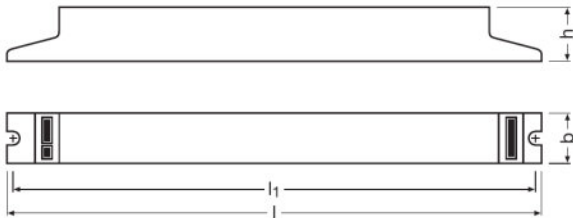
Product description	Length	Width	Height	Mounting hole spacing, length	Product weight	Cable cross-section, input side
QT-FIT 5/8 1X18...39	280.0 mm	30.0 mm	21.0 mm	270.0 mm	154.00 g	0.5...1.5 mm ² ¹⁾
QT-FIT 5/8 1X54...58	280.0 mm	30.0 mm	21.0 mm	270.0 mm	154.00 g	0.5...1.5 mm ² ¹⁾
QT-FIT 5/8 2X18...39	280.0 mm	30.0 mm	21.0 mm	270.0 mm	183.00 g	0.5...1.5 mm ² ¹⁾
QT-FIT 5/8 2X54...58	280.0 mm	30.0 mm	21.0 mm	270.0 mm	183.00 g	0.5...1.5 mm ² ¹⁾

Product description	Cable cross-section, output side
QT-FIT 5/8 1X18...39	0.5...1.5 mm ² ¹⁾
QT-FIT 5/8 1X54...58	0.5...1.5 mm ² ¹⁾
QT-FIT 5/8 2X18...39	0.5...1.5 mm ² ¹⁾
QT-FIT 5/8 2X54...58	0.5...1.5 mm ² ¹⁾

¹⁾ Solid leads

Product family datasheet

Product line drawing



QT-FIT 5/8 1X18...39, QT-FIT 5/8 1X54...58, QT-FIT 5/8 2X18...39, QT-FIT 5/8 2X54...58

Temperatures & operating conditions

Product description	Ambient temperature range
QT-FIT 5/8 1X18...39	-15...+50 °C
QT-FIT 5/8 1X54...58	-15...+50 °C
QT-FIT 5/8 2X18...39	-15...+50 °C
QT-FIT 5/8 2X54...58	-15...+50 °C

Lifespan

Product description	ECG lifetime
QT-FIT 5/8 1X18...39	50000 h
QT-FIT 5/8 1X54...58	50000 h
QT-FIT 5/8 2X18...39	50000 h
QT-FIT 5/8 2X54...58	50000 h

Product name	Lamp group				
QT-FIT 5/8 1X18...39	HO 24 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	55	65	70
		Lifetime [h]	100000	70000	40000

Product family datasheet

	HO 39 W	ECG ambient temperature [ta]	40	50	60	
		Temperature at tc-point [°C]	55	65	75	
		Lifetime [h]	100000	60000	30000	
	L 18 W	ECG ambient temperature [ta]	40	50	60	
		Temperature at tc-point [°C]	55	65	70	
		Lifetime [h]	100000	70000	40000	
	L 30 W	ECG ambient temperature [ta]	40	50	60	
		Temperature at tc-point [°C]	55	65	70	
		Lifetime [h]	100000	70000	40000	
	L 36 W	ECG ambient temperature [ta]	40	50	60	
		Temperature at tc-point [°C]	55	65	75	
		Lifetime [h]	100000	60000	40000	
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	
Product name	Lamp group					
QT-FIT 5/8 2X18...39	HO 24 W	ECG ambient temperature [ta]	40	50	60	
		Temperature at tc-point [°C]	55	60	70	
		Lifetime [h]	100000	70000	40000	
	HO 39 W	ECG ambient temperature [ta]	40	50	58	
		Temperature at tc-point [°C]	60	70	75	
		Lifetime [h]	70000	40000	30000	
	L 18 W	ECG ambient temperature [ta]	40	50	60	
		Temperature at tc-point [°C]	50	60	70	
		Lifetime [h]	100000	90000	50000	
	L 30 W	ECG ambient temperature [ta]	40	50	60	
		Temperature at tc-point [°C]	55	65	75	
		Lifetime [h]	100000	60000	40000	
	L 36 W	ECG ambient temperature [ta]	40	50	60	
		Temperature at tc-point [°C]	55	65	75	
		Lifetime [h]	100000	60000	30000	
	Product name	Lamp group				
	QT-FIT 5/8 2X54...58	HO 54 W	ECG ambient temperature [ta]	40	50	55
			Temperature at tc-point [°C]	65	75	75
Lifetime [h]			60000	30000	30000	

Product family datasheet

	L 58 W	ECG ambient temperature [ta]	40	50	55
		Temperature at tc-point [°C]	65	70	75
		Lifetime [h]	70000	40000	30000

Capabilities

Product description	End of lamp life safety shutdown	Suitable for fixtures with prot. class
QT-FIT 5/8 1X18...39	EOL T.2	I
QT-FIT 5/8 1X54...58	EOL T.2	I
QT-FIT 5/8 2X18...39	EOL T.2	I
QT-FIT 5/8 2X54...58	EOL T.2	I

Certificates & standards

Product description	Approval marks – approval	EEL – Energy Label	Protection class
QT-FIT 5/8 1X18...39	CE / VDE / ENEC 10 / VDE-EMC	A2	I
QT-FIT 5/8 1X54...58	CE / VDE / ENEC 10 / VDE-EMC	A2 BAT	I
QT-FIT 5/8 2X18...39	CE / VDE / ENEC 10 / VDE-EMC	A2	I
QT-FIT 5/8 2X54...58	CE / VDE / ENEC 10 / VDE-EMC	A2	I

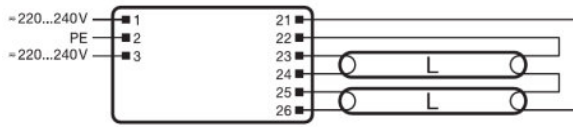
Logistical data

Product description	Commodity code
QT-FIT 5/8 1X18...39	85041080900
QT-FIT 5/8 1X54...58	85041080900
QT-FIT 5/8 2X18...39	85041080900
QT-FIT 5/8 2X54...58	85041080900

Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
QT-FIT 5/8 1X18...39	19-05-2023	4008321873927	Lead
QT-FIT 5/8 1X54...58	19-05-2023	4008321873828	Lead
QT-FIT 5/8 2X18...39	19-05-2023	4008321873903	Lead
QT-FIT 5/8 2X54...58	19-05-2023	4008321873842	Lead

Product family datasheet



QT-FIT 5/8 2X18...39, QT-FIT 5/8 2X54...58

Application advice

For more detailed application information and graphics please see product datasheet.

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.

Sales and Technical Support








Sales and Technical Support www.osram.com

Country specific information

Product description	Product code	METEL-Code	SEG-No.	STK number	UK Org
QT-FIT 5/8 2X54...58	4008321873842	-	-	4030291	-
QT-FIT 5/8 2X54...58	4008321873842	-	-	4030291	-

Download Data

Product family datasheet

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 060923

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
4008321873927	QT-FIT 5/8 1X18...39	Shipping carton box 20	312 mm x 165 mm x 98 mm	5.05 dm ³	3221.00 g
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
4008321873903	QT-FIT 5/8 2X18...39	Shipping carton box 20	312 mm x 165 mm x 98 mm	5.05 dm ³	3801.00 g
4008321873842	QT-FIT 5/8 2X54...58	Shipping carton box 20	312 mm x 165 mm x 98 mm	5.05 dm ³	3801.00 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.

Product family datasheet

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.