QT-FIT 5/8 2X54...58

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 emergency lighting (DC operation)
- Suitable for luminaires of protection class I
- Modernization of existing systems

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...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

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Technical data

Electrical data

Input voltage	198…264 V
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
DC voltage	185…264 V [1)]
Operating frequency	40…50 kHz
Max. no. of ECGs on circuit breaker 10 A	8 [2)]
Max. no. of ECGs on circuit breaker 16 A	13 [2)]
Inrush current	53 A

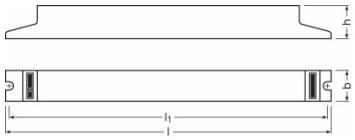
1) Minimum voltage for lamp ignition: 198 V, 185…198 V for maximum 1 h

2) Type B

Light technical data

Starting time	2.0 s

Dimensions & weight



Length	280.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	270.0 mm
Product weight	183.00 g
Cable cross-section, output side	0.5…1.5 mm² [1)]
Cable cross-section, input side	0.5…1.5 mm² [1)]

1) Solid leads

Temperatures

Ambient temperature range	-15…+50 °C

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Lifespan

ECG lifetime	50000 h

Expected Lifetime

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

Capabilities

Suitable for fixtures with prot. class	I
End of lamp life safety shutdown	EOL T.2

Certificates & standards

Approval marks – approval	CE / VDE / ENEC 10 / VDE-EMC
EEI – Energy Label	A2
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

Download Data

	File
	Product Family Datasheet Familiendatenblatt QT-FIT 5_8
	Certificates ENEC QT-FIT 5_8
	Certificates EMC QT-FIT 5_8
	Certificates CE Declaration QT-FIT 5_8

Logistical Data

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321873842	QT-FIT 5/8 2X54...58	Shipping carton box 20	314 mm x 238 mm x 98 mm	7.32 dm^3	3660.00 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.

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Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets	ECG_1.1 Ambient temperature for lifespan
QT-FIT 5/8 2x54-58	HO 50 W ES	0.49 A	116.00 W	4450 lm	2	
	HO 54 W	0.49 A	116.00 W	4450 lm	2	40 °C
	HO 54 W CONSTANT	0.49 A	116.00 W	4450 lm	2	
	HO 54 W XT	0.49 A	116.00 W	4450 lm	2	
	L 58 W	0.48 A	110.00 W	5000 lm	2	40 °C
	L 58 W XT		108.00 W	5000 lm	2	
	L 58 W XXT		108.00 W	5000 lm	2	

Product name	Lamp group	ECG_1.2 Ambient temperature for lifespan	ECG_1.3 Ambient temperature for lifespan	ECG_2.1 Tc point temperature for lifespa	ECG_2.2 Tc point temperature for lifespa
QT-FIT 5/8 2x54-58	HO 50 W ES				
	HO 54 W	50 °C	55 °C	65 °C	75 °C
	HO 54 W CONSTANT				
	HO 54 W XT				
	L 58 W	50 °C	55 °C	65 °C	70 °C
	L 58 W XT				
	L 58 W XXT				

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Product name	Lamp group	ECG_2.3 Tc point temperature for lifespa	ECG_3.1 Temperature dependent lifespan	ECG_3.2 Temperature dependent lifespan	ECG_3.3 Temperature dependent lifespan
QT-FIT 5/8 2x54-58	HO 50 W ES				
	HO 54 W	75 °C	60000 h	30000 h	30000 h
	HO 54 W CONSTANT				
	HO 54 W XT				
	L 58 W	75 °C	70000 h	40000 h	30000 h
	L 58 W XT				
	L 58 W XXT				

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