

QT-FIT 5/8 2X18...39

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 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 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)	12 ²⁾
Max. ECG no. on circuit breaker 16 A (B)	19 ²⁾
Inrush current	40 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	21.0 mm
Mounting hole spacing, length	270.0 mm
Product weight	183.00 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
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Expected Lifetime

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

Additional product data

Suitable for lamp power (2 lamps)	18...39 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	CE / VDE / ENEC 10 / VDE-EMC
EEL – Energy Label	A2

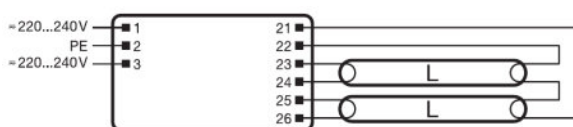
Product datasheet

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






Commodity code	850410809000
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Wiring Diagram



Wiring diagram

Download Data

File	
	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

Product datasheet



Declarations of conformity
709431_Declaration of Conformity



Operating instructions
592455_EAC QT-FIT 58

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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

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	Luminous flux at 25 °C
QT-FIT 5/8 2X18...39	HO 24 W	0.24 A	53.00 W	1750 lm	2	
	HO 39 W	0.36 A	80.00 W	3100 lm	2	
	L 18 W	0.17 A	39.00 W	1350 lm	2	
	L 18 W XT	0.17 A	39.00 W	1350 lm	2	
	L 23 W	0.26 A	59.30 W		1	1900 lm
	L 30 W	0.27 A	63.00 W		2	2350 lm
	L 36 W	0.31 A	70.00 W	3200 lm	2	
	L 36 W XT	0.31 A	70.00 W	3200 lm	2	
	L 36 W XXT	0.31 A	70.00 W	3200 lm	2	