

QT-FIT8 3X18,4X18

QUICKTRONIC FIT 8 | ECG for FL 26 mm



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

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 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)	8 ²⁾
Max. ECG no. on circuit breaker 16 A (B)	13 ²⁾
Inrush current	15 A

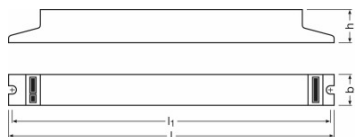
¹⁾ Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

²⁾ Type B

Light technical data

Starting time	2.0 s
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Dimensions & weight



Length	280.0 mm
Width	40.0 mm
Height	28.0 mm
Mounting hole spacing, length	270.0 mm
Product weight	219.00 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 %
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Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At maximum T_c / 10% failure rate

Expected Lifetime

Product name	Lamp group				
QT-FIT8 3X18,4X18	L 18 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	50	60	65
		Lifetime [h]	100000	100000	60000
	L 18 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	55	60	70
		Lifetime [h]	100000	90000	50000

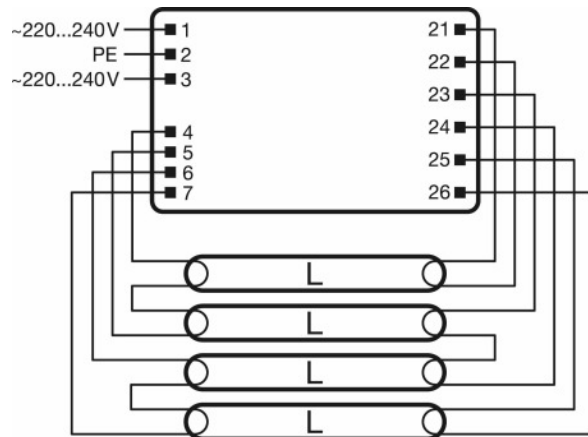
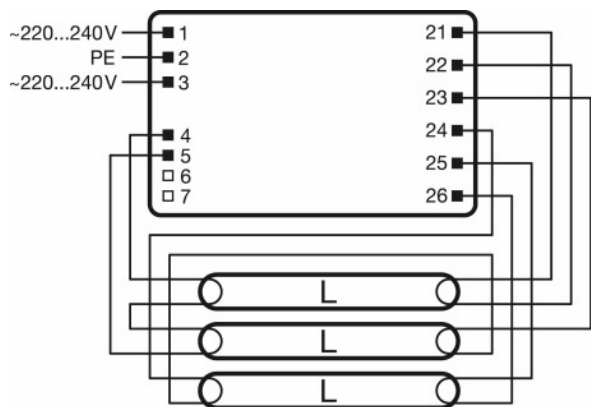
Capabilities

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

Certificates & standards

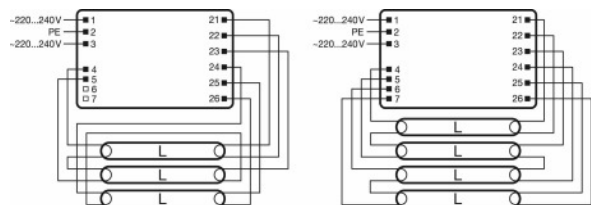
Approval marks – approval	VDE / VDE-EMC / ENEC 10 / CE
EEL – Energy Label	A2
Standards	Acc. to EN 61347-2-3/Acc. to EN 60929/Acc. to EN 55015:2006 + A1:2007/Acc. to EN 61000-3-2/Acc. to EN 61547
Protection class	I
Type of protection	IP20

Wiring Diagram



Wiring diagram
















Wiring diagram



Wiring diagram

[Download Data](#)

Product datasheet

File	
	Product Datasheet Technical datasheet DEDRA PLUS T8
	Product Family Datasheet Family data sheet QT-FIT8
	Brochures LUMILUX ES and OSRAM DULUX D ES Take a good look at
	Certificates ENEC-Marks approval
	Certificates INOTEC
	Certificates CEAG
	Certificates Manufacturer's declaration LampECG combinations: Frequent switching
	Certificates VDE-EMC-Certificate QT-Fit8
	Certificates EAC certificate for Quicktronics QT
	Declarations of conformity Declaration of conformity
	Operating instructions EAC QT-FIT8
	CAD data 3-dim QUICKTRONIC QT-FIT8 360x30x28 9900051
	CAD data 3-dim QUICKTRONIC QT-FIT8 360x30x28 9900051
	CAD data 3-dim QUICKTRONIC QT-FIT8 360x30x28 9900051
	CAD data PDF QUICKTRONIC QT-FIT8 360x30x28 9900051

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321294302	QT-FIT8 3X18,4X18	Shipping carton box 20	311 mm x 131 mm x 212 mm	8.64 dm ³	5210.00 g
4008321691415	QT-FIT8 3X18,4X18	Shipping carton box 20	303 mm x 210 mm x 132 mm	8.40 dm ³	4653.00 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 datasheet

Disclaimer

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

QT-FIT8 3X18,4X18

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Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
QT-FIT8 3X18,4X18	L 18 W	0.25 A	54.00 W	1350 lm	3
	L 18 W	0.33 A	74.00 W	1350 lm	4
	L 16 W ES	0.21 A	47.10 W	1100 lm	3
	L 18 W XT	0.25 A	54.00 W	1350 lm	3
	L 18 W XT	0.33 A	74.00 W	1350 lm	4
	L 18 W XXT	0.25 A	54.00 W	1350 lm	3
	L 18 W XXT	0.33 A	74.00 W	1350 lm	4
	L 16 W ES	0.28 A	21.20 W	1100 lm	4