

QT-FIT8 3X18,4X18

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 emergency lighting (DC operation)
- 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⁾
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

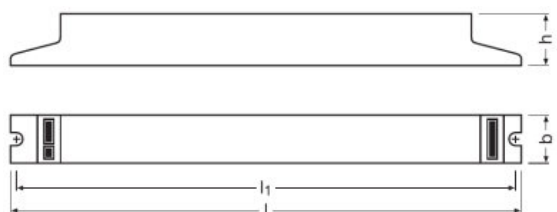
¹⁾ Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

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 % ¹⁾
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¹⁾ Maximum 56 days/year at 85 %

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]	55	60	70
		Lifetime [h]	100000	90000	50000
	L 18 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 (3 lamps)	18 W
Suitable for lamp power (4 lamps)	18 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	1.0 m / 1.5 m
Dimmable	No

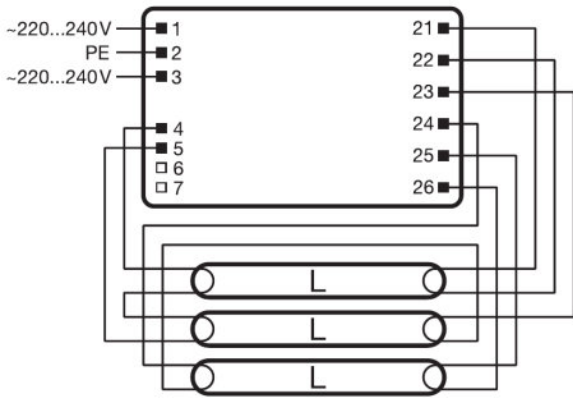
Certificates & standards

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

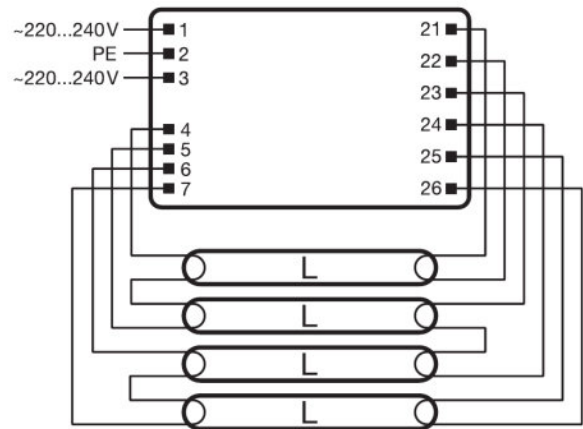
Logistical data

Commodity code	850410809000
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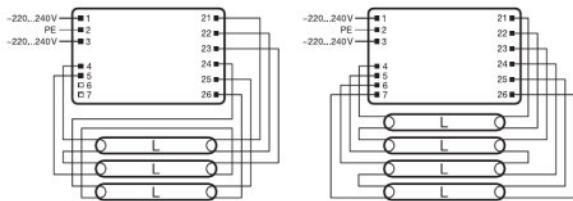
Wiring Diagram



319609_QT FIT8 3x18



319610_QT FIT8 4x18



320056_QT FIT8 3x18 QT FIT8 4x18

QUICKTRONIC® FIT T5/T8

	QT-FIT58 5x18-28	QT-FIT58 10x18-28	QT-FIT58 20x18-28	QT-FIT58 20x18
Max. BE	17 A	17 A	12 A	8 A
Max. BE CT	8 (10) x 10-18	8 (10) x 10-18	8 (10) x 10-18	8 (10) x 10-18
Max. BE CT	20 (27) x 8 (10) x 10-18	20 (27) x 8 (10) x 10-18	10 (12) x 8 (10) x 10-18	10 (12) x 8 (10) x 10-18
Tn	1,20 A	4,20 A	4,60 A	4,50 A
	120 µs	200 µs	200 µs	200 µs



Max. parallel cable length in between 1000 and lamp: 2,0 m (P/N 21, 22), 1,0 m (P/N 23, 24)















Max. Leuchtstrome zwischen EWS und Lampe: Leuchtstrome max.
 Max. parallel cable length in between 1000 and lamp: 2,0 m (P/N 21, 22), 1,0 m (P/N 23, 24)
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 Max. parallel cable length in between 1000 and lamp: 2,0 m (P/N 21, 22), 1,0 m (P/N 23, 24)



590720_EAC QT-FIT8

Product datasheet

Download Data

File	
	Product Datasheet 321441_ATI QT-FIT8 3x4x18 (G+GB)
	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 504209_VDE-EMC-Certificate QT-Fit8
	Declarations of conformity Quicktronic CE 3364256 090421
	CAD data 3-dim 316108_QUICKTRONIC QT-FIT8 360x30x28 9900051
	CAD data 3-dim 316109_QUICKTRONIC QT-FIT8 360x30x28 9900051
	CAD data 3-dim 316110_QUICKTRONIC QT-FIT8 360x30x28 9900051
	CAD data PDF 316101_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

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 3X18,4X18

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 3X18,4X18	L 18 W	0.33 A	74.00 W	0.99	1350 lm	4
	L 18 W	0.25 A	54.00 W	0.97	1350 lm	3