

QUICKTRONIC[®] fit T5

QT-FIT5

ECG for T5/Ø16mm linear fluorescent lamps



QT-FIT5



i.e. LUMILUX[®] T5



Product Features:

- 50.000 hours lifetime¹
- Lamp start with optimized filament preheating within 2 s
- Suitable for lighting with very high switching cycles
- Reliable lamp ignition between -15°C...+50°C
- Suitable for luminaries of protection class I
- CELMA Energy Efficiency Index A2
- Automatic safety shut-down in case of a defect or at the end of the lamp's life (EoL T.2)
- Automatic restart after lamp replacement
- Suitable for DC installations

Technical Data

Max. cable diameter for push-in contact [mm ²]:	s ² : 0.5 - 1.5
Starting time:	t: 2 sec.
Line voltage:	220 - 240 V
Voltage range (AC):	198 - 274 V
Voltage range (DC):	176 – 274 V; for lamp ignition min. 198 V; max. 1 hour 185 - 198V
Line frequency:	50 - 60 Hz
Operating frequency:	40 – 50 kHz
Electrical strength:	280 V → permanent; 300 V → 2 hours
Ambient temperature ta:	-15°C to +50 °C
Measuring point temperature tc:	Max. +75 °C
U-OUT:	430 V (330 V for QT-FIT5 1x14-35)



¹ Average lifetime

² s = solid wire

Inrush current and max. number of ECG per circuit breaker

ECG	Inrush Current		Max. number of ECG per circuit breaker		
	I _p [A]	TH [μs]	B: 10A	B: 16A	C: 16 A
QT-FIT5 1x14-35	24	230	17	28	47
QT-FIT5 2x14-35	40	200	12	19	32
QT-FIT5 3x14, 4x14	40	200	12	19	32

Standards and approval marks

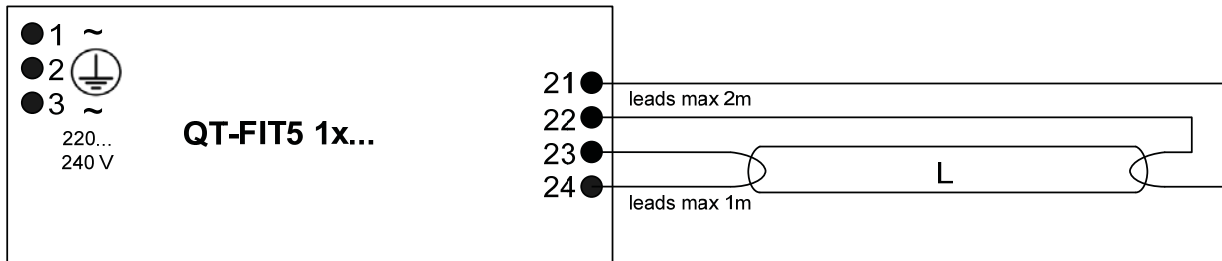
Safety:	acc. to EN 61347-2-3 / IEC 61347-2-3		
Radio interference:	acc. EN 55015: 2006 + A1: 2007 + A2: 2009		
Harmonic content:	acc. to EN 61000-3-2 / IEC 61000-3-2		
Immunity:	acc. to EN 61547 / IEC 61547		
Approval marks:	 	<div style="border: 1px solid black; padding: 2px;"> ENEC 10 In preparation </div>	

Dimensions & weight

Description	Length [mm]	Width [mm]	Height [mm]	Distance Mounting Holes [mm]	Weight [g]
QT-FIT5 1x14 - 35	280	30	21	270	160
QT-FIT5 2x14 - 35	280	30	21	270	185
QT-FIT5 3x14, 4x14	280	40	21	270	220

Lamp wiring

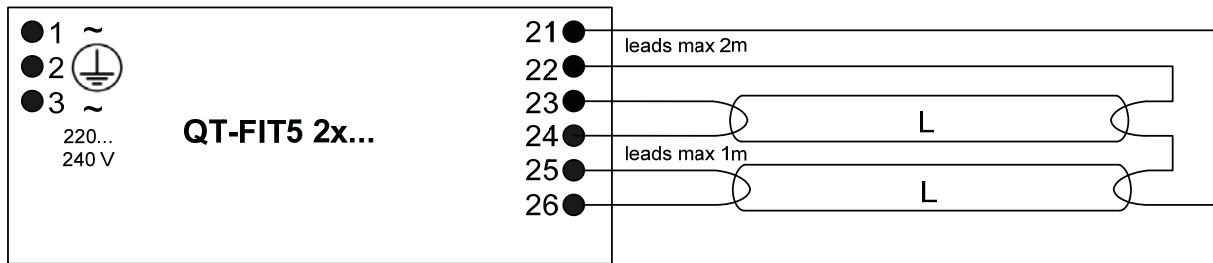
QT-FIT5 1x...



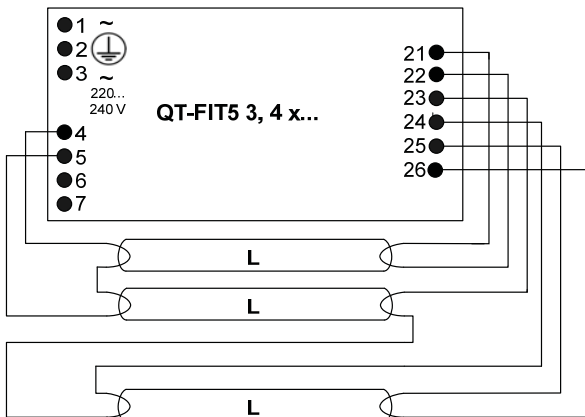
Max. permitted cable length in between ECG and lamp: 2.0 m (PIN 21, 22); 1.0 m (PIN 23, 24)

QT-FIT5 2x...

Max. permitted cable length in between ECG and lamp: 2.0 m (PIN 21, 22); 1.5 m (PIN 23, 24); 1.0 m (PIN 25, 26)

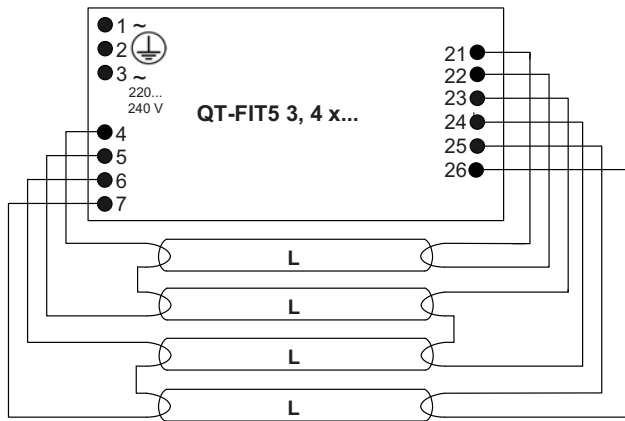


QT -FIT5 3x14, 4x14, 3 lamp operation



Max. permitted cable length in between ECG and lamp: 1.0 m (PIN 25, 26); 1.5 m (PIN 4, 5, 21, 22, 23, 24)

QT -FIT5 3x14, 4x14, 4 lamp operation



Max. permitted cable length in between ECG and lamp: 1.0 m (PIN 6, 7, 25, 26); 1.5 m (PIN 4, 5, 21, 22, 23, 24)

Logistic Data

Description	EAN 10	EAN 40	Packaging Unit
QT-FIT5 1x14-35	4008321971234	4008321971241	20
QT-FIT5 2x14-35	4008321971258	4008321971265	20
QT-FIT5 3x14, 4x14	4008321971210	4008321971227	20

Lifetime

ECG	Lamp	ta	40°C	50°C	60°C
QT-FIT5 1x14-35	HE 14	lifetime		in preparation	
	HE 21	lifetime		in preparation	
	HE 28	lifetime		in preparation	
	HE 35	lifetime		in preparation	
QT-FIT5 2x14-35	HE 14	lifetime		in preparation	
	HE 21	lifetime		in preparation	
	HE 28	lifetime		in preparation	
	HE 35	lifetime		in preparation	
QT-FIT5 3x14, 4x14	HE 14	lifetime		in preparation	
	HE 14	lifetime		in preparation	

T5 HE ES lamps in preparation

Lamp/ECG System Combination

ECG	Lamp	HF lamp wattage [W]	System wattage [W]	Line current [A]	Luminous flux at 25°C [lm]	Luminous flux at 35°C [lm]	Power factor [λ]
QT-FIT5 1x14-35	HE 14	14	16	0.08	1200	1350	0.95
	HE 21	21	23	0.11	1900	2100	0.95
	HE 28	28	31	0.14	2600	2900	0.96
	HE 35	35	38	0.17	3320	3650	0.97
QT-FIT5 2x14-35	HE 14	2x 14	32	0.15	2x 1200	2x 1350	0.98
	HE 21	2x 21	46	0.22	2x 1900	2x 2100	0.98
	HE 28	2x 28	63	0.28	2x 2600	2x 2900	0.98
	HE 35	2x 35	78	0.35	2x 3320	2x 3650	0.98
QT-FIT5 3x14, 4x14	HE 14	3x 14	49	0.22	3x 1200	3x 1350	0.98
	HE 14	4x 14	63	0.28	4x 1200	4x 1350	0.98

T5 HE ES lamps in preparation

For more information on ECG refer to <http://www.osram.com>

For more information on System Guarantee refer to <http://www.osram.com>