

QUICKTRONIC® PROFESSIONAL T5 – 2nd Gen ECG for T5/Ø16mm linear fluorescent lamps

QTP5 1x54
QTP5 2x54



Preliminary
Technical Information

Edition: January 2009
Subject to change

Features:

- Up to 100.000 hours lifetime ¹⁾
- Lamp start with optimized filament preheating within 1 sec.
- Cut-off Technology
- Suitable for lighting with high switching cycles
- Reliable lamp ignition between -20°C...+50°C
- Suitable for luminaries of protection classes I and II ²⁾
- CELMA Energy-Efficiencies-Index EEI = 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 emergency installations (DC, 0 Hz)



Technical Data:

Reference:	QTP5 1x54	QTP5 2x54
Lamp:	HO 54	2x HO 54
HF lamp wattage [W]:	58	54.5
System wattage [W]:	62.5	121
Line current [A]:	0.28	0.52
Luminous flux at 25°C [lm]:	4750	2x 4500
Luminous flux at 35°C [lm]:	5000	2x 4750
Max. cable diameter for IDC contact [mm ²]:	„s“: 0.5; „f“: 0.75	
Max. cable diameter for push-in contact [mm ²]:	„s“: 0.5...1.0	
Starting time:	t: < 1 sec. (<0.3 sec. in case of line interruptions/switchover of <0.5 sec.)	
Line voltage:	220 - 240 V	
Voltage range (AC):	198 - 264 V	
Voltage range (DC):	176 - 276 V	
Line frequency:	0, 50-60 Hz	
Operating frequency:	40 - 50 kHz	
Inrush current:	I _p = 40 A; T _H = 200 μs	I _p = 53 A; T _H = 190 μs
Max. number of ECG, circuit breaker 10A, char. B:	12	8
Max. number of ECG, circuit breaker 16A, char. B / C:	19 / 32	13 / 21
Electrical strength:	300 V → permanent; 320 V → 48 hours; 350 V → 2 hours	
Power factor λ :	0,98	0,98
Ambient temperature t _a :	-20 °C to +50 °C	
Measuring point temperature t _c :	max. +75 °C	
U-OUT:	330 V	430 V
Dimensions (l x w x h):	280 x 30 x 21 mm	360 x 30 x 21 mm
Distance mounting holes:	270 mm	350 mm
Weight:	190 g	265 g
Safety:	acc. EN 61347-2-3 / IEC 61347-2-3	
Radio interference:	acc. EN 55015: 2006 + A1: 2007	
Harmonic content:	acc. EN 61000-3-2 / IEC 61000-3-2	
Immunity:	acc. EN 61547 / IEC 61547	
Packaging unit:	20 pieces	
Approval marks:		

“s” = solid wire, “f” = stranded – flexible wire

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Product:

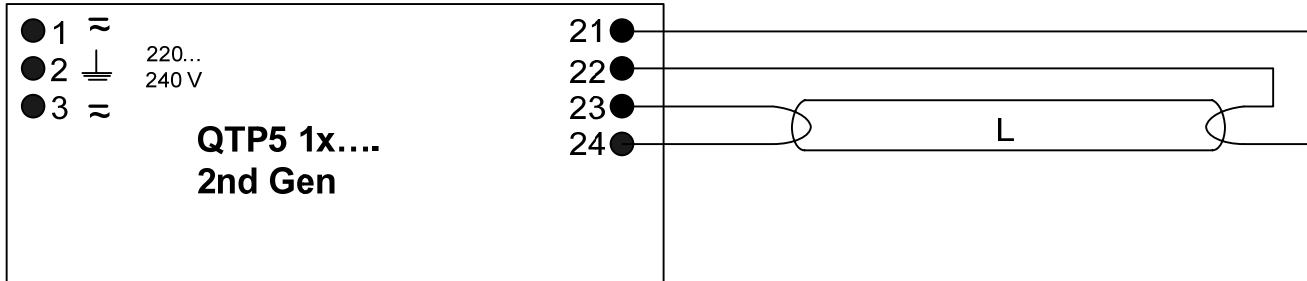


Product number:

Product number:	EAN 10 / Single unit (1 pc.)	EAN 40 / Package unit (20 pcs.)
QTP5 1x54	4008321 329394	4008321 329400
QTP5 2x54	4008321 329097	4008321 329103

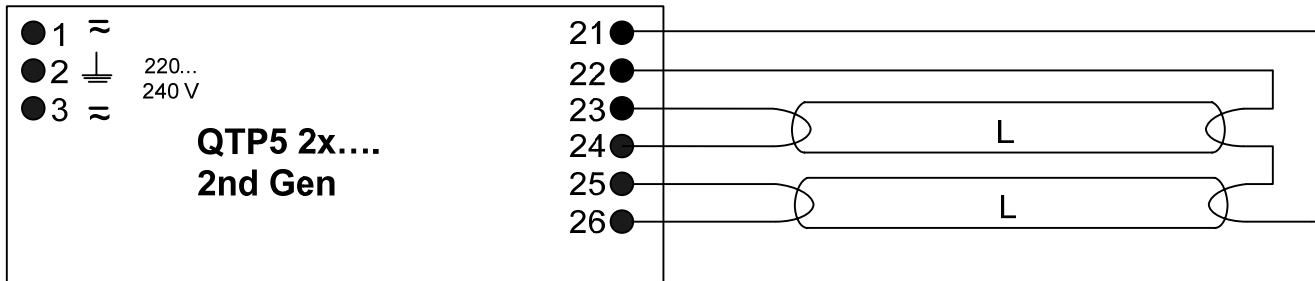
Lamp wiring:

QTP5 1x54:



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

QTP5 2x54:



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

¹⁾ at T = 65°C @ Tc. 50.000 h with max. 10% failure rate at tc = 75°C max
²⁾ No need to connect (functional) earth in suitable luminaires of protection class II