

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

QTP5 1x80






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 1x80	
Lamp:	HO 80	DL 80
HF lamp wattage [W]:	82,0	77,0
System wattage [W]:	88,0	83,5
Line current [A]:	0,39	0,37
Luminous flux at 25°C [lm]:	6575	6075
Luminous flux at 35°C [lm]:	6900	-
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	
Max. number of ECG, circuit breaker 10A, char. B:	12	
Max. number of ECG, circuit breaker 16A, char. B / C:	19 / 32	
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	
Dimensions (l x w x h):	360 x 30 x 21 mm	
Distance mounting holes:	350 mm	
Weight:	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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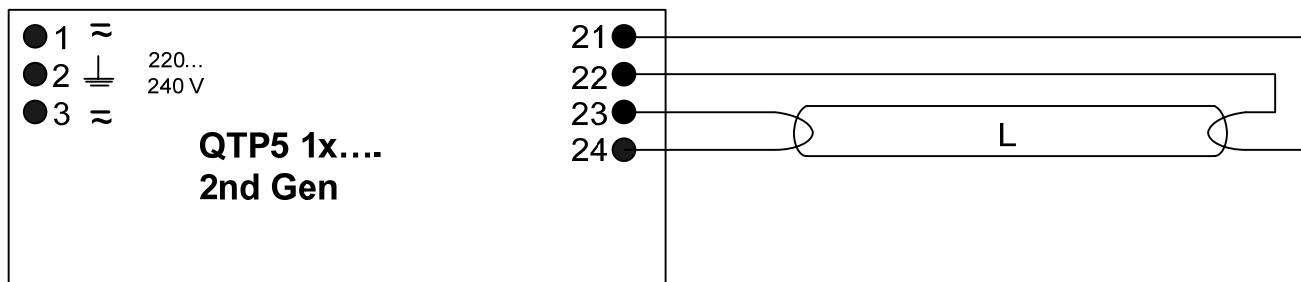


Product number:

Product number:	EAN 10 / Single unit (1 pc.)	EAN 40 / Package unit (20 pcs.)
QTP5 1x80	4008321 329059	4008321 329066

Lamp wiring:

QTP5 1x80:



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