

QUICKTRONIC® INTELLIGENT QT*i*

QT*i* 1x14/24/21/39

QT*i* 2x14/24/21/39



Technical Information

Edition: April 2004

Subject to change without any notes

Features:

- 21mm height
- Lamp start within 1 s with optimum filament preheating
- Suitable for applications with frequent switching cycles
- Cut-off-Technology
- Automatic shutdown of lamps in the event of a defect and at the end of their life
- Automatic restart after lamp replacement
- Combi-Wiring (CW) terminal for automatic or manual wiring
- Suitable for luminaires with protection class I and II (functional earth connection required)
- Suitable for emergency installations acc. to VDE 0108



Technical Data:

Reference:	QT <i>i</i> 1x14/24/21/39	QT <i>i</i> 2x14/24/21/39
Lamps:	1x HE 14W, HO 24W, HE 21W, HO 39W	2x HE 14W, HO 24W, HE 21W, HO 39W
Lamp wattage [W]:	14 / 24 / 21 / 39	2x14 / 2x24 / 2x21 / 2x39
System wattage [W]:	16 / 27 / 25 / 43	32 / 54 / 47 / 88
Line current [mA]:	85 / 125 / 115 / 190	150 / 240 / 210 / 390
Luminous flux at 25°C [lm]:	1200 / 1750 / 1900 / 3100	1200 / 1750 / 1900 / 3100
Luminous flux at 35°C [lm]:	1350 / 2000 / 2100 / 3500	1350 / 2000 / 2100 / 3500
Max. cross section of wires for push-in contact [mm ²]	„e“: 0,5; „f“: 0,75	
Max. cross section of wires for push-in contact [mm ²]	„e“: 0.5...1.0*	
Ignition time:	t < 1 Sek.	
Line voltage:	220-240 V	
Voltage range (AC):	198 V – 264 V	
Voltage range (DC)	176V – 254 V; Zündung bei mind. 198V	
Line frequency:	0, 50-60 Hz	
Operating frequency:	45 - 70 kHz	
Incrush current:	I _p = 1 A T _H = 5 ms	I _p = 1,5 A T _H = 5 ms
Radio interference suppression:	gem. EN 55015 + EN 55022	
Harmonic content:	gem. EN 61000-3-2	
Immunity:	gem. EN 61547	
Power factor:	λ = 0,99*	λ = 0,99*
Ambient temperature range t _a :	-20°C bis +50°C	
Case temperature t _c :	max. +70°C	
Design (L x B x H):	360 x 30 x 21 mm	423 x 30 x 21 mm
Distance between mounting holes:	350 mm	415 mm
Weight	310 g	390 g

Approval marks:



* Single values under www.osram.de