

# QUICKTRONIC® INTELLIGENT QT<sub>i</sub> ... DIM

QT<sub>i</sub> 1x28/54 DIM  
QT<sub>i</sub> 2x28/54 DIM



## Technical Information

Edition: December 2004

Subject to change without any notes

### Features:

- 21mm height
- Lamp start within 0.6 seconds with optimum filament preheating.
- Dimmable from 1...100% luminous flux
- 1...10V-interface acc. to standard
- 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 lamp life
- Automatic restart after lamp replacement
- Combi Wiring (CW) terminal for automatic or manual wiring
- Suitable for luminaries with protection class I and II (functional earth connection required)
- Suitable for emergency installations acc. to VDE 0108



### Technical Data:

Reference:	QT <sub>i</sub> 1x28/54 DIM	QT <sub>i</sub> 2x28/54 DIM
Lamps:	1x HE 28W, HO 54W	2xHE 28W, HO 54W
Lamp wattage [W]:	28 / 54	2x28 / 2x54
System wattage [W]:	31 / 59	61 / 115
Line current [A]:	0.14 / 0.26	0.27 / 0.51
Luminous flux at 25°C [lm]:	2600 / 4450	2x2600 / 2 x4450
Luminous flux at 35°C [lm]	2900 / 5000	2x2900 / 2x5 000
Max. cross section of wires for IDC-contact [mm <sup>2</sup> ]	"s": 0.5; "f": 0.75	
Max. cross section of wires for push-in contact [mm <sup>2</sup> ]	"s": 0.5...1.0	
Ignition time:	t < 0.6 sec.	
Line voltage:	220...240 V	
Voltage range (AC):	198...264 V	
Voltage range (DC):	154...276 V; ignition only with more than 198V	
Line frequency:	0, 50...60 Hz	
Operating frequency:	83...120 / 44...120 kHz	
Inrush current:	I <sub>p</sub> =24A T <sub>H</sub> =174µs	I <sub>p</sub> =45A T <sub>H</sub> =204µs
Radio interference suppression:	Acc. EN 55015 and EN 55022	
Harmonic content:	Acc. EN 61000-3-2	
Immunity:	Acc. EN 61547	
Power factor:	λ = 0,97 / 0,99	λ = 0,97 / 0,99
Ambient temperature range t <sub>a</sub> :	(System: Lamp + ECG) +10°C up to +50°C	
Case temperature t <sub>c</sub> :	max. +70°C	
Design (L x W x H):	360 x 30 x 21 mm	423 x 30 x 21 mm
Distance between mounting holes::	350 mm	415 mm
Weight:	305 g	370 g

Approval marks:



Luminous flux: not dimmed

\* "s" solid wire, "f" flexible wire

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