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PL TLS MK LPD

OSRAM GmbH  
15.10.2010

**Manufacturer Declaration**

**INOTEC technical requirements on the ECGs used in emergency lighting installations**

Hereby we confirm, that OSRAM QUICKTRONIC® ECG of the product families QTP8, QT-FIT8, QTP5, QT<sub>i</sub>, QT<sub>i</sub> GII, QT<sub>i</sub> ... DIM, QT<sub>i</sub> DALI ... DIM, QTP-DL, QTP-D/E, QTP-T/E and QT-M comply with the IEC safety and performance requirements for lighting control gears as well as with the INOTEC technical requirements (pls. refer to the INOTEC Declaration from Jan. 22, 2009 attached) for the ECG used in the emergency lighting installations, regarding:

- DC voltage working range
- Switch time
- Detection of defective lamps
- Immunity
- Inrush current

With best regards

OSRAM  
Gesellschaft mit beschränkter Haftung

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Attachment:  
INOTEC-Declaration from January 22nd 2009

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## Technical requirements for electronic control gears (ECGs) for connection at INOTEC Central Battery Systems

Operating voltage AC:	230V ± 10%		
Operating voltage DC:	186V – 260V		
Types of voltage:	AC DC Joker-voltage (half-wave rectified AC-voltage)		
Switch over time AC to DC:	150ms – 1000ms		
Switch over time DC to AC:	150ms – 1000ms		
No-load current of ECGs: (without or faulty lamp) in DC-operation	< 10mA < 45mA < 8mA < 45mA < 10mA	at J-SV-Modul/S at J-SV-Modul.2/S at J-SV-Modul.3/S at J-SV-Modul.4/S at J-SV-Modul.L/S	(5 – 120W) (20 – 300W) (2 – 30W) (18 – 120W) (5 – 120W)
Shutdown ECG: (with faulty lamp)	Within 3s		
Max. inrush current per ECG:	80A / 500µs	at J-SV-modules /S	(all types)
Max. total inrush current: per circuit:	250A / 500µs 250A / 500µs 250A / 500µs 250A / 500µs	at change over module 2x3A at change over module 1x6A at change over module 4x2A at change over module 2x4A	

With best regards  
**INOTEC** Sicherheitstechnik GmbH  
p.p.



Frank Totzeck