



# IECEx Certificate of Conformity

**INTERNATIONAL ELECTROTECHNICAL COMMISSION**  
**IEC Certification Scheme for Explosive Atmospheres**  
for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx TUR 14.0038X issue No.:0 Certificate history:

Status: **Current**

Date of Issue: **2014-11-25** Page 1 of 3

Applicant: **Steeldesign GmbH**  
Brüsseler Straße 6  
53842 Troisdorf  
Germany

Electrical Apparatus: **Terminal box**  
Optional accessory:


Type of Protection: **Ex e, Ex tb**

Marking: **Ex e IIC T5 Gb**  
**Ex tb IIIC T120°C Db**

Approved for issue on behalf of the IECEx Certification Body: Dipl.-Ing. Klauspeter Graffi

Position: Head of Certification Body

Signature:  
(for printed version)

  
2014-11-25

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**TUV Rheinland Industrie Service GmbH**  
Am Grauen Stein  
51105 Cologne  
Germany





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Manufacturer: **Steeldesign GmbH**  
Brüsseler Straße 6  
53842 Troisdorf  
Germany

Additional Manufacturing location  
(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2011</b> Edition: 6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-31 : 2008</b> Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
<b>IEC 60079-7 : 2006-07</b> Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

##### Test Report:

[DE/TUR/ExTR14.0034/00](#)

##### Quality Assessment Report:

[DE/TUR/QAR10.0003/01](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The housings and connecting flanges of the populated wall housings WG/SG"e" are made of stainless steel in accordance with EN 10088, 1.4301 AISI 304 or of higher quality. The housing and the housing door are laser cut from at least 1.25mm thick stainless steel panels and are manufactured as a folding and welding construction. The housings and connecting flanges of the TX"e" – are made of stainless steel in accordance with EN 10088, 1.4301 AISI 304 or of higher quality. The housing and the housing cover are laser cut from at least 1.25mm thick stainless steel panels and are manufactured as a folding and welding construction.

### CONDITIONS OF CERTIFICATION: YES as shown below:

1. Suitable certified cable glands or stopping plugs that sustain the type of protection must be used.
2. A minimum temperature of 95°C has to be observed for the wiring.