



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

Certificate No.: issue No.:

Status:

Date of Issue: **2008-07-08** Page 1 of 4

Applicant: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
Germany

Electrical Apparatus: **Empty Enclosure Type 8126/-4...-.**
Optional accessory:

Type of Protection: **Increased Safety, Protection by Enclosures**

Marking: **Ex e II**
Ex tD A21 IP65

*Approved for issue on behalf of the IECEx
Certification Body:*

Dr.-Ing. Uwe Klausmeyer

Position:

Head of Section "Flameproof Enclosures"

*Signature:
(for printed version)*

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:

Physikalisch-Technische Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig
Germany





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Certificate No.: IECEx PTB 08.0025U

Date of Issue: **2008-07-08**

Issue No.: **0**

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Manufacturer: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
Germany

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:

| | |
|--|--|
| IEC 60079-0 : 2004 Edition: 4.0 | Electrical apparatus for explosive gas atmospheres - Part 0: General requirements |
| IEC 60079-7 : 2006-07 Edition: 4 | Explosive atmospheres - Part 7: Equipment protection by increased safety "e" |
| IEC 61241-0 : 2004 Edition: 1 | Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements |
| IEC 61241-1 : 2004 Edition: 1 | Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD" |

*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/PTB/ExTR08.0030/00](#)

Quality Assessment Report:

[DE/PTB/QAR06.0001/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

Empty enclosure, type 8126/-4...-., made of stainless steel, optionally provided with plastic or metal flanges and sealing frames for chaining. It is used in type of protection Increased Safety "e" and Protection by Enclosures "tD".

Technical data

| Sizes: | | Length | Height | Depth |
|---|--|----------|----------|--------|
| | Smallest | 200 mm | 300 mm | 155 mm |
| | Largest | 1.300 mm | 1.200 mm | 300 mm |
| Ambient temperatures: | -20 °C to +100 °C, subject to the sealing used | | | |
| Protection against contact, foreign bodies and water: | IP65 in compliance with IEC 60529 as a minimum | | | |

CONDITIONS OF CERTIFICATION: NO

Empty box for conditions of certification.



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EQUIPMENT(continued):

| Nomenclature | | |
|-----------------|--|---------------|
| Empty enclosure | Type | 8126/abcd-e-f |
| a | Variation- = Empty enclosure | |
| b | Enclosure material 4 = Stainless steel | |
| c, d | Enclosure sizes Length x Height x Depth [mm] 01 = 200 x 300 x 155 02 = 380 x 300 x 155 03 = 380 x 380 x 210 04 = 380 x 600 x 210 05 = 600 x 600 x 210 06 = 600 x 760 x 210 07 = 760 x 760 x 300 08 = 800 x 1.000 x 300 09 = 300 x 380 x 210 90 = 550 x 360 x 230 91 = 750 x 360 x 230 92 = 900 x 360 x 230 93 = 1.100 x 360 x 230 94 = 1.300 x 360 x 230 95 = 800 x 1.200 x 300 99 = customized (max. 1.300 x 1.200 x 300) | |
| e, f | numerals or letters without influence to explosion-protection | |