



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.: **IECEX PTB 08.0024U** issue No.:0 Certificate history: _____

Status: **Current**

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/-2...-.**
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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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/ExTR08.0028/00](#)

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/-2...-., made of polyester resin, 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	150 mm
Largest	800 mm	1.000 mm	300 mm
Ambient temperatures:	-20 °C to +80 °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 2 = Polyester resin	
c, d	Enclosure sizes Length x Height x Depth [mm] 01 = 200 x 300 x 150 02 = 250 x 350 x 150 03 = 300 x 400 x 200 04 = 400 x 400 x 200 05 = 400 x 600 x 200 06 = 600 x 600 x 200 07 = 500 x 500 x 300 08 = 600 x 800 x 300 09 = 800 x 1.000 x 300 99 = customized (max. 800 x 1.000 x 300)	
e, f	numerals or letters without influence to explosion-protection	