



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEx PTB 06.0047U**

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Certificate history:

Status: **Current**

Issue No: 5

Issue 4 (2012-12-18)

Issue 3 (2012-01-26)

Issue 2 (2011-09-28)

Issue 1 (2008-01-08)

Issue 0 (2006-06-30)

Date of Issue: 2021-03-03

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

Ex Component: Hinged Window type 8611/*

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Increased Safety "eb", Protection by enclosures "tb"**

Marking: Ex eb IIC Gb
Ex tb IIIC Db

Approved for issue on behalf of the IECEx
Certification Body:

Dr. -Ing. D. Markus

Position:

**Head of Department "Explosion Protection in Energy
Technology"**

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 www.iecex.com or use of this QR Code.



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 (Württ.)
Germany

Additional
manufacturing
locations:

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 equipment 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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with 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/ExTR06.0062/04](#)

Quality Assessment Report:

[DE/BVS/QAR10.0002/16](#)



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Ex Component(s) covered by this certificate is described below:

The hinged window, type 8611/*, mainly consists of plastic frame and cover with glass window. It can be mounted in enclosure cover or enclosure wall of electrical equipment with the type of protection Increased Safety "eb" and Protection by Enclosure "tb".

For further technical information, notes for installation and operation and schedule of limitations see Annex.

SCHEDULE OF LIMITATIONS:

The hinged window has an M4 locking screw on the opposite side of the hinges to prevent accidental opening of the window during operation. A note on the use of the safety screw is attached to the hinged window: "AFTER ACTUATION SECURE AGAIN WITH SCREW".

Service temperature:

-60 °C ≤ Ts ≤ +80 °C for gasket D0075

-40 °C ≤ Ts ≤ +80 °C for gasket D0303

The use of this component requires a further assessment by an ExCB.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- 1) New test according to IEC 60079-0:2017, IEC 60079-7:2017 and IEC 60079-31:2013.
- 2) Alternative Gasket material D0303 for sealing between hinge cover and frame.

Annex:

[COCA060047U-05_1.pdf](#)