

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 BVS 11.0038U** Page 1 of 4 Certificate history:

Issue 3 (2016-12-20) Issue No: 4 Status: Current Issue 2 (2014-09-19) Issue 1 (2011-11-08)

2020-10-16 Date of Issue:

R.Stahl Schaltgeräte GmbH Applicant:

Am Bahnhof 30 74638 Waldenburg

Germany

Empty enclosure type 8252/0 *-****-*** Ex Component:

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).

Dr Franz Eickhoff

Lead Auditor and officially recognised expert

Type of Protection: Flameproof Enclosures "d", Protection by Enclosure "t"

Marking: Ex db IIC Gb

Ex tb III C Db

Approved for issue on behalf of the IECEx

Certification Body:

Position:

Signature: (for printed version)

Date:

- 1. This certificate and schedule may only be reproduced in full.
- 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.



Issue 0 (2011-05-31)

Certificate issued by:

DEKRA Testing and Certification GmbH Certification Body Dinnendahlstrasse 9 44809 Bochum Germany





IECEx Certificate of Conformity

Certificate No.: IECEx BVS 11.0038U Page 2 of 4

Date of issue: 2020-10-16 Issue No: 4

Manufacturer: R.Stahl Schaltgeräte GmbH

Am Bahnhof 30 74638 Waldenburg

Germany

Additional R. STAHL (P) LTD.

manufacturing Plot No. 5, Malros apuram Main Road locations: Sengundram Indl. Area, Singaperumal Koil

Tamil Nadu - 603 204

India

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 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

Edition:7.0

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

Edition:2

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/BVS/ExTR11.0057/04

Quality Assessment Report:

DE/BVS/QAR10.0002/16



IECEx Certificate of Conformity

Certificate No.: IECEx BVS 11.0038U Page 3 of 4

Date of issue: 2020-10-16 Issue No: 4

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

Subject and Type

Enclosure type 8252 / 0^{1) *2)} - *3)*4)*5)*6) *7) - ***8)

1) empty enclosure

2) enclosure size: 1 = Ø 54 mm 2 = Ø 80 mm 3 = Ø 95 mm 4 = Ø 130 mm

3) entry size at base: *)
4) entry size at 0°: *)
5) entry size at 90°: *)
6) entry size at 180°: *)
7) entry size at 270°: *)

*) 0 = w/o entry & w/o hub

1 = hub w/o entry

X = The maximum thread size of entries per enclosure side:

Enclosure type	Metric	NPT
8252/01	1 x M25	1 x ¾"
8252/02	1 x M32	1 x 1"
8252/03	1 x M40	1 x 1 ¼"
8252/04	1 x M63	1 x 2"

⁸⁾ not ex relevant

Description

The empty enclosure type 8252/0 *-**** in type of protection Flameproof Enclosure "d" and Protection by Enclosure "t" is used for Zone 1 (EPL "Gb") or Zone 21 (EPL "Db").

Different types of threads are obtainable at the entry points.

Alternatively, rods, actuators and couplings can be attached at the entry points.

Parameters

Rated voltage max. 690 V Rated current max. 175 A

Tested ambient temperature range $-60 \, ^{\circ}\text{C} \le T_{amb} \le +70 \, ^{\circ}\text{C}$ Limits of service temperature $-60 \, ^{\circ}\text{C} \le T_{Service} \le +80 \, ^{\circ}\text{C}$

Degrees of Protection with glass cover IP65 Degrees of Protection with regular cover IP66

SCHEDULE OF LIMITATIONS:

The dimensions of the flameproof joints are in parts other than the relevant minimum or maximum values of IEC 60079-1:2014. For information on the dimensions of the flameproof joints contact the manufacturer.

The enclosure must be protected against electrostatic charging processes in areas with EPL Db and use of powder coating.



IECEx Certificate of Conformity

Certificate No.: IECEx BVS 11.0038U Page 4 of 4

Date of issue: 2020-10-16 Issue No: 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

• Updating to the standards IEC 60079-0:2017

Use of the enclosure without cover gasket