

# CERTIFICATE

## (1) EU-Type Examination

(2) **Component intended for use on/in equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **KEMA 01ATEX2145 U** Issue Number: 7

(4) Product: **Enclosures Type 8264/- and Type 8264/6**

(5) Manufacturer: **R. STAHL Schaltgeräte GmbH**

(6) Address: **Am Bahnhof 30, 74638 Waldenburg, Germany**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/KEM/ExTR07.0045/06.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0 : 2012 + A11 : 2013**

**EN 60079-1 : 2014**

**EN 60079-31 : 2014**

except in respect of those requirements listed at item 18 of the Schedule.

(10) The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



**II 2 G Ex db IIB Gb**  
**II 2 G Ex db IIB + H2 Gb**  
**II 2 D Ex tb IIIC Db**

Date of certification: 17 October 2023

DEKRA Certification B.V.

L.G. van Schie  
Certification Manager



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 01ATEX2145 U**

Issue No. 7

(15) **Description**

Enclosure Type 8264/- and 8264/6 in type of protection Ex “d” and Ex “t”, made of painted or unpainted aluminium or unpainted stainless steel with a flanged joint, is intended for the mounting of electrical apparatus such as switching-, control-, regulating-, measuring- and indicating devices.

The enclosures can be used with and without terminal boxes in type of protection increased safety “e”. Several enclosures may be combined with each other.

The cover and side walls of the enclosure may be provided with flameproof operating axes - e.g. for coupling-, locking-, actuating or feed through purposes -, lamp caps and windows. Optionally, the enclosures may be provided with hinges.

The cover and bottom wall of stainless steel enclosure type 8264/-933-2 may be provided with an aluminium cold plate.

The cover- and bottom wall of stainless steel enclosure type 8264/-997-2 may be provided with 1 or 2 single- or 1 double aluminium cold plates.

The electrical connection is made by using flameproof cable or conduit entries or bushings.

Type 8264/- and Type 8264/6 differ only in the type of material used for cemented windows.

For the maximum power dissipation and thermal data see Annex 1 to report NL/KEM/ExTR07.0045/06.

**Installation instructions**

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

NL/KEM/ExTR07.0045/06.

(17) **Schedule of Limitations**

- The flameproof joints are not intended to be repaired.
- The property classes of the screws are A70 for M10 and A80 for M12 and M14.
- For the service temperature ranges see Annex 1 to report NL/KEM/ExTR07.0045/06.
- The enclosures may be mounted with the flanged joint free from solid obstacles for at least 10 mm.
- Painted enclosures shall not be subjected to strong electrostatic charging mechanisms.
- The condition of the paint of the painted enclosures shall be checked periodically. Damaged paint shall be repaired.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/KEM/ExTR07.0045/06.

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 01ATEX2145 U**

Issue No. 7

(20) **Certificate history**

Issue 1 - 201037800	initial certificate
Issue 2 - 212811200	main changes: evaluation against the latest edition of the standards, change of ambient temperature ranges, enclosures added, controls added, cemented window added, alternative cement and covers added
Issue 3 - 215435700	main changes: evaluation against the latest edition of the standards, enclosure sizes 8264/*996-*, 997, 998 and 999 added, entry sizes and distance revised, additional window sizes, captive screws option added, lower Tamb extended to -60 °C (IIB Gb and IIIC Db only)
Issue 4 - 221590900	minor revisions to certificate text, alternative stainless steel alloy enclosure material
Issue 5 - 223947200	introduction of optional cold plates in cover- or bottom wall of enclosure type 8264/-997-2 and minor mechanical changes
Issue 6 - 221690300	the max. power dissipation of the aluminium enclosures has changed
Issue 7 - 225751500	Introduction of optional cold plates in enclosure types 8264/-997-2 and 8264/-933-2, minor constructional change and correction in manufacturers documents.