



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2022312313000502

Applicant R. STAHL Schaltgeräte GmbH
Address Am Bahnhof 30, 74638 Waldenburg, Germany
Manufacturer R. STAHL Schaltgeräte GmbH
Address Am Bahnhof 30, 74638 Waldenburg, Germany
Production Factory R. STAHL Schaltgeräte GmbH
Production Address Am Bahnhof 30, 74638 Waldenburg, Germany
Product Empty enclosure
Model/Type 8225/***-***
Ex marking Ex db IIC Gb, Ex db eb IIC Gb, Ex tb IIIC Db
Reference Standards GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021, GB/T 3836.31-2021

Certification mode Type Test + Initial Factory Inspection + Post-Certification Surveillance
The sample(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (3 pages).

Initial issue date: 2022-04-28

Issued date: 2023-04-29

Valid to: 2027-04-27

The Validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the Original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical Apparatus Research Institute Co.,Ltd.



<http://www.ccc-cnex.com>
ccc.china-ex.com

Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China P.C.: 473008
Tel: 0377-63239734 Email: ccc@cn-ex.com

CN 0001947



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Product information:

1. This certificate covers the following models:

- 8225/***_****

Nomenclature:

8225	/	*	*	*	-	****
a	/	b	c	d	-	e

a: Type series

b: Version

- 1=Enclosure made of steel with a cover plate of aluminium
- 2=Enclosure made of stainless steel with a cover plate of bronze
- 3=Enclosure made of steel with a cover plate of bronze

c: Design size (face)

- 1=235×235mm
- 2=360×360mm
- 3=480×480mm
- 7=360×480mm
- 9=730×730mm

d: Design size (height)

- 2=268mm
- 3=325mm
- 4=410mm
- 5=465mm

e: additional Information without reference to explosion-protection

Enclosure:

Type	width	length	height	volume
	mm	mm	mm	Max. dm ³
8225/*12	235	235	268	10

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8225/*22	360	360	268	25
8225/*23	360	360	325	31
8225/*32	480	480	268	43
8225/*33	480	480	325	55
8225/*35	480	480	410	75
8225/*72	360	480	268	33
8225/*73	360	480	325	43
8225/*96	730	730	468	180

Window:

Window size	Φ D1 cover plate mm	Φ D1 window mm	Thick of the Window mm	Cemented line of the cover plate
1	≥70	≤90	≤12	min. 10mm
2	≥83	≤103	≤15	min. 10mm
3	≥110	≤130	≤15	min. 10mm
4	≥158	≤168	≤19	min. 10mm

Instructions for use:

Connection is by means of - separately certified - flameproof cable bushings or wire bushings with terminal compartment designed to level of protection Increased Safety "e", or by means of - separately certified - direct cable entries or conduit systems.

The flameproof enclosures may be combined with each other and/or with terminal boxes designed to level of protection Increased Safety "e".

The flameproof enclosure type 8225/3**-*** is without windows and without combined terminal boxes level of protection Increased Safety "e".

Ingress Protection: IP65

Ex marking: Ex db IIC Gb, Ex db eb IIC Gb, Ex tb IIIC Db

- Producers should organize production in accordance with the technical documents

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approved by the certification body.

2. Specific conditions of safety use:

- Service temperature range: $-20^{\circ}\text{C} < T_a < +60^{\circ}\text{C}$.
- The empty enclosure may also be connected by means of suitable cable entries or conduit systems, which meet the requirements of GB/T 3836.2 and for which a separate examination CCC certificate has been issued.
- Any openings that are not used shall be closed as specified in GB/T 3836.2.
- The routine test, in accordance to GB/T 3836.2, has to be performed with a static overpressure of 16 bar.
- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2204C075, CQST2204C075/01
- Factory inspection report: CN2022Q030187

4. Certificate change information:

- 1st change on April 29, 2023: Updated the standards for certification.

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