



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312304001220

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 Indicating light for panel mounting
Model/Type 8013/abc-de-f
Ex marking Ex db eb mb IIC T6, Ex db mb ia IIC T6, Ex tb IIIC T80°C Db
Reference Standards GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021, GB/T 3836.4-2021, GB/T 3836.9-2021, GB/T 3836.31-2021

Certification mode Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(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: 2022-01-27

Issued date: 2023-04-23

Valid to: 2027-01-26

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
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CN 0001974



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

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Product information:

- This certificate covers the following models:
- 8013/abc-de-f

Nomenclature

a	3 = Design
b	Variation 1 = standard 2 = intrinsic safety
c	Type of connection 1 = Cage clamp with terminal chamber 3 = Plug connection with terminal chamber
d, e, f	numerals or letters without influence to explosion-protection

Electrical data

Rated insulation voltage	550 V
Type	8013/31
Rated voltage	10.8 V - 270 V AC/DC
Type	8013/32
Rated voltage	10.8 V - 28 V AC/DC
	Suited for connection to intrinsically safe circuits (Signalling circuit) with the following maximum values: U _i = 28 V I _i = 150 mA P _i = 1 W L _i and C _i are negligibly low

Frequency range	0 ~ 60 Hz	
Rated cross section	with cage clamp	0.5 mm ² – 2.5 mm ²

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	with clamp-type terminal	0.5 mm ² – 1.5 mm ² connection with terminal sockets with notch for plug connector width 2.8-08 in accordance with GB 17196
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Ex marking: Ex db eb mb IIC T6, Ex db mb ia IIC T6, Ex tb IIIC T80°C Db

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of safety use:

- Ingress protection: IP65.
- The indicating light for panel mounting, type 8013/31., shall be installed in such a way that its rear end is protected against mechanical damage.
- The indicating light for panel mounting, type 8013/32., may be operated as an intrinsically safe unit when connected to intrinsically safe circuits of category "ia" or "ib".
- The signalling circuit is electrically isolated from earth.
- The maximum permissible ambient temperature range is -30 °C to +60 °C.
- The maximum ambient temperature has to be adjusted as required for the bezel used for the indicating light.
- Routine testing for pressure resistance can be dispensed with for the luminous element (flameproof enclosure) of the indicating light for panel mounting.
- Before application, CCC certified Ex eb IIC Gb, Ex tb IIIC Db cable gland with ingress protection IP66 must be applied, suitable for the conditions of use and correctly installed.
- See instruction for other information.

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3. Certificate related report(s):
 - Type test report: CQST2112C010, CQST2112C010/1
 - Factory inspection report: CN2022Q030187
4. Certificate change information:
 - 1st change on April 23, 2023: Updated the standards for certification.

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