



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312304001039

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	Contact element
Model/Type	8080/1-*
Ex marking	Ex db eb IIC Gb
Reference Standards	GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021

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 (2 pages).

Initial issue date: 2021-05-08

Issued date: 2023-04-29

Valid to: 2026-05-07

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.



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CN 0001942



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Product information:

1. This certificate covers the following models:

- 8080/1-*

Nomenclature:

8080	/	1	-	*
a		b		c

a: type series

b: version: 1(standard)

40 mm x 25 mm x 25 mm (LxWxH), max. 6.5 cm³

c: contact arrangement:

1: 1NC/1NO

2: 1NC/1NO (snap-action-contact)

3: 2NC

4: 2NO

5: 1NC/1NO (overlapping)

Electrical Data:

Rated insulating voltage	500V
Rated operational voltage Ue	250V
Utilization category	AC 15/250V
	AC 12/250V
	DC 12/125V
Rated operational current Ie	max.10A
Conductor cross-section	0.75...2.5mm ² (solid wire, fine-stranded)
Torque of the terminals	0.4Nm
Note: Flexible wires are suitable only with wire end ferrules!	

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Ex marking: Ex db eb IIC Gb

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

2. Specific conditions of safety use:

- Ambient temperature: -60°C to +70°C.

- Service temperature: -60°C to +100°C.

- The contact element type 8080/1-* shall be mounted in an enclosure that meets the requirements of an approved type of protection as specified in GB/T 3836.1, section 1 and has an ingress protection of at least IP54.

- When installing the contact element type 8080/1-* in an enclosure designed to Increased Safety "e" type of protection in compliance with GB/T 3836.3, the clearance and creepage distances shall be maintained.

- The connecting cables of the contact element type 8080/1-* shall be fixed and routed so that it will be adequately protected against mechanical damage.

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

- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2012C073, CQST2012C073/01

- Factory inspection report: CN2022Q030187

4. Certificate change information:

- 1st change on April 29, 2023:

1) Updated the standards for certification.

2) Added new material of enclosure cover.

Issued date: 2023-04-29

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