



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312304001039

Applicant and address

R. STAHL Schaltgeräte GmbH.
Am Bahnhof 30, 74638 Waldenburg, Germany

Manufacturer and address

R. STAHL Schaltgeräte GmbH.
Am Bahnhof 30, 74638 Waldenburg, Germany

Factory and address

R. STAHL Schaltgeräte GmbH.
Am Bahnhof 30, 74638 Waldenburg, Germany

Product, series, specification and model

Contact element

8080/1-*

Ex db eb IIC Gb

Standards

GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021

**This product(s) complies with the requirements of CNCA-C23-01: 2024
China Compulsory Certification Implementation Rule on Explosion
Protected Electrical Product.**

Issue date: 2026-04-27 Valid to: 2031-05-07

Detailed information and status of this certificate is available by using the QR code,
visiting CNEx's website or CNCA's website: www.cnca.gov.cn.

This translated document has no legal effect and shall not be used alone.



Director:

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



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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)

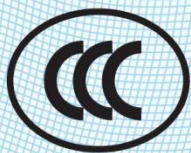
Electrical Data:

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)



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Torque of the terminals	0.4Nm
Note: Flexible wires are suitable only with wire end ferrules!	

Ex marking: Ex db eb IIC Gb

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

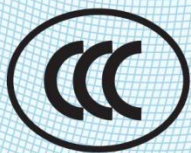
2. Specific conditions of use:

- 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.



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3. Certificate change information:

- This certificate is issued for renewal upon expiration. The first issuance date of the certificate is: 2021-05-08(YY/MM/DD)



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





中国国家强制性产品认证证书

证书编号: 2021312304001039

认证委托人名称及地址

R. STAHL Schaltgeräte GmbH
Am Bahnhof 30, 74638, Waldenburg, Germany

生产者名称及地址

R. STAHL Schaltgeräte GmbH
Am Bahnhof 30, 74638, Waldenburg, Germany

生产企业名称及地址

R. STAHL Schaltgeräte GmbH
Am Bahnhof 30, 74638 Waldenburg, Germany

产品名称和系列、型号、规格

防爆触点模块

8080/1-*

Ex db eb IIC Gb

产品标准和技术要求

GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021

上述产品符合《强制性产品认证实施规则 防爆电气》
(CNCA-C23-01: 2024)的要求, 特发此证。

发证日期: 2026年04月27日 有效期至: 2031年05月07日

证书信息和有效性可扫描下方二维码或登录发证机构网站查验,
也可在认监委网站 (www.cnca.gov.cn) 查询。



法定代表人:

南阳防爆电气研究所有限公司



中国国家强制性产品认证证书

证书编号：2021312304001039

证书附页：第 1 页 共 2 页

产品相关信息：

1、本证书覆盖产品如下：

- 8080/1-*

命名规则：

8080	/	1	-	*
a		b		c

a: 型号

b: 版本: 1 (标准)

40mm×25mm×25mm (长×宽×高), 最大 6.5cm³

c: 触点

1: 1 常闭/1 常开

2: 1 常闭/1 常开 (瞬动触点)

3: 2 常闭

4: 2 常开

5: 1 常闭/1 常开 (重叠)

电气参数：

额定绝缘电压	500V
额定工作电压 U _e	250V
使用类别	AC 15/250V
	AC 12/250V
	DC 12/125V
额定工作电流 I _e	最大 10A
连接导体横截面积	0.75...2.5mm ² (实心导线、绞合导线)
接线螺钉拧紧扭矩	0.4Nm
注：柔性导线只能使用束线套	

防爆标志：Ex db eb IIC Gb

- 生产者应按照认证机构批准的技术文件组织生产。

2、安全使用条件：

本页为证书附页，应与证书主页同时使用。



南阳防爆电气研究所有限公司





中国国家强制性产品认证证书

证书编号：2021312304001039

证书附页：第 2 页 共 2 页

- 使用环境温度： $-60^{\circ}\text{C}\sim+70^{\circ}\text{C}$ 。
- 工作温度： $-60^{\circ}\text{C}\sim+100^{\circ}\text{C}$ 。
- 防爆触点模块 8080/1-*应安装在符合 GB/T 3836.1 第 1 章规定的相应防爆型式，防护等级至少 IP54 的外壳中。
- 防爆触点模块 8080/1-*安装在增安型外壳内时，电气间隙和爬电距离应满足 GB/T 3836.3 要求。
- 防爆触点模块 8080/1-*的连接电缆应固定布线，以便充分保护其免受机械损坏。
- 本 Ex 元件配套使用时，需由认证机构进一步评估。
- 其他见产品使用说明书。

3、证书变更信息：

- 本证书为期满换发证书，证书首次颁发日期：2021 年 05 月 08 日。

本页为证书附页，应与证书主页同时使用。



南阳防爆电气研究所有限公司

