

CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312308000048

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

Plug-and-socket device

8579/...-...-.

Ex db eb IIC T6...T4 Gb , Ex db eb [ib Gb] IIC T6...T4 Gb,

Ex tb IIIC T60°C...T105°C Db

Standards

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

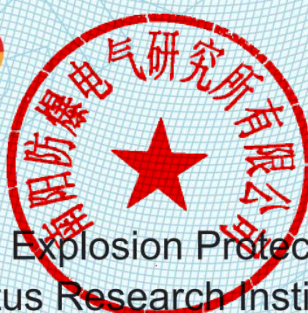
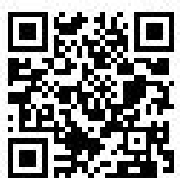
GB/T 3836.4-2021, GB/T 3836.31-2021

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

Issue date: 2025-08-25 Valid to: 2030-08-31

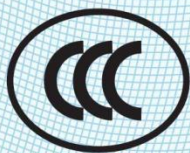
Detailed information and status of this certificate is available by using the QR code,
visiting CNEx's website or CNCA's website: www.cnca.gov.cn.

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



Director:

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



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312308000048

Annex: Page 1 of 3

Product information:

1. This certificate covers the following models:

- 8579/...-...

Nomenclature:

Plug-and-socket device	Type	8579/ab-cde-f
a	1: standard with 8543 2: for North American market with 8543 3: standard with 8544 4: for North American market with 8544	
b	1: switch socket 2: Plug	
c	number of poles 4: 3P+PE 5: 3P+N+PE	
d, e, f	numerals or letters without influence to explosion-protection	

Technical data:

	Main contact	Auxiliary contact
Rated voltage	Up to 690V	Up to 415V
Rated current	Up to 63A	Up to 6A
Utilization category	AC-3	AC-3

Rated cross-section:

	Main contact	Auxiliary contact
Switched socket with 8543 insert	35mm ²	2.5mm ²
Switched socket with 8544 insert	16mm ² ~50mm ²	1.5mm ² ~2.5mm ²



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CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312308000048

Annex: Page 2 of 3

Plug	16mm ²	--
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Temperature classification:

Plug-and-socket device with 8543 switch insert

Ambient Temperature	Temperature class	Max.surface temperature
Up to 50°C	T5	T 90°C
Up to 55°C	T4	T 105°C

Plug-and-socket device with 8544 switch insert

Ambient Temperature	Max. Operating current		Temperature class	Max.surface temperature
	Main contact	Auxiliary contact		
Up to 40°C	63A	6A	T6	T60°C
Up to 50°C	50A	4A	T6	T70°C
Up to 55°C	63A	6A	T5	T75°C

Ex marking: Ex db eb IIC T6...T4 Gb , Ex db eb [ib Gb] IIC T6...T4 Gb,

Ex tb IIC T60°C...T105°C Db

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

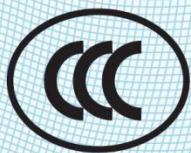
2. Specific conditions of use:

- Ambient temperature range:
 - Temperature class T5: -45°C~+50°C;
 - Temperature class T6: -45°C~+55°C.
- Ingress protection: IP66.



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312308000048

Annex: Page 3 of 3

- Components attached or installed (e.g. terminal compartments, bushings, cable glands, connectors) must be of a technical standard that complies with the specifications on the cover sheet. They must be suited for the operating conditions and have the CCC certificate. The special conditions specified for the components must be complied with, and the components have to be included in the type test, if necessary. This equally applies to the components mentioned in the technical description.
- For the installation of intrinsically safe devices are those admitted that correspond to the GB/T3836.4 standard.
- A warning with the inscription "WARNING - DO NOT OPEN WHEN ENERGIZED" or similar has to be fitted on the enclosure.
- See instruction for other information.

3. Certificate change information:

- This certificate is issued for renewal upon expiration, The first issuance date of the certificate is 2020-09-01.



**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: 2020312308000048

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

防爆插座/插头

8579/...-...-

Ex db eb IIC T6...T4 Gb, Ex db eb [ib Gb] IIC T6...T4 Gb,

Ex tb IIIC T60°C...T105°C Db

产品标准和技术要求

GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021,
GB/T 3836.4-2021, GB/T 3836.31-2021

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: 2025年08月25日 有效期至: 2030年08月31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：2020312308000048

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：

— 8579/...-...-

命名规则：

插头与插座	型号	8579/ab-cde-f
a	1: 通用 配装 8543 2: 北美市场 配装 8543 3: 通用 配装 8544 4: 北美市场 配装 8544	
b	1: 插座 2: 插头	
c	极数 4: 3P+PE 5: 3P+N+PE	
d、e、f	与防爆型式无关的字母或数字	

电气参数：

	主触点	辅助触点
额定电压	≤ 690V	≤415V
额定电流	Max. 63A	Max. 6A
使用类别	AC-3	AC-3

额定连接导体横截面积：

	主触点	辅助触点
插座内部配装 8543 开关	35mm ²	2.5mm ²
插座 内部配装 8544 开关	16mm ² ~50mm ²	1.5mm ² ~2.5mm ²
插头	16mm ²	—

温度组别：

内部配装 8543 开关

使用环境温度	温度组别	最高表面温度
最高 50℃	T5	T90℃
最高 55℃	T4	T105℃

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: 2020312308000048

证书附页: 第 2 页 共 2 页

内部配装 8544 开关

使用环境温度	最大运行电流		温度组别	最高表面温度
	主触点	辅助触点		
最高 40°C	63A	6A	T6	T60°C
最高 50°C	50A	4A	T6	T70°C
最高 55°C	63A	6A	T5	T75°C

防爆标志: Ex db eb IIC T6...T4 Gb , Ex db eb [ib Gb] IIC T6...T4 Gb,
Ex tb IIC T60°C...T105°C Db

- 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:

- 使用环境温度:

温度组别为 T5 时: -45°C~+50°C,

温度组别为 T4 时: -45°C~+55°C。

- 外壳防护等级: IP66。

- 连接或安装的部件(例如,接线组件,穿线套管,电缆引入装置,连接件),必须符合证书首页规定的依据技术标准。它们必须适用规定的工作条件,并取得 CCC 认证。有关部件应符合指定的特殊工作条件,并且如有必要,须在型式试验中包括这些部件。这同样适用于技术说明中提到的部件。

- 对于本质安全设备的安装,必须符合 GB/T3836.4 的要求。

- 外壳上需带有“警告-严禁带电开盖”的警告标志。

- 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:2020 年 09 月 01 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

