



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No: 2021312304001135

Applicant	Steute Technologies GmbH & Co. KG
Address	Brückenstrasse 91, 32584 Löhne, Germany
Manufacturer	Steute Technologies GmbH & Co. KG
Address	Brückenstrasse 91, 32584 Löhne, Germany
Production Factory	Steute Technologies GmbH & Co. KG
Production Address	Brückenstrasse 91, 32584 Löhne, Germany
Product	Solenoid switch
Model/Type	Ex RC Si 56 ***
Ex marking	Ex mb IIC T6/T5 Gb, Ex mb IIIC T80°C/T95°C Db
Reference Standards	GB3836.1-2010, GB3836.9-2014

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 (2 pages)

Issued on: 2021-08-13

Valid to: 2026-08-12

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>
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Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China P.C.: 473008
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CN 0000785



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312304001135

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Product information:

1. This certificate covers the following models:

- Ex RC Si 56 ***

Nomenclature

Ex RC Si 56	**	*
--	1)	2)

1) Contact function

1Ö/1S: 1NC/1NO

2Ö: 2NC

2) Cable length in meters

Electrical data:

Maximum voltage: 30 V DC

Maximum switching current: 125 mA

20 mA (LED-variant)

Ambient temperature: T6: -20°C~+70°C T5: -20°C~+85°C

Degree of protection: IP67

Ex marking: Ex mb IIC T6/T5 Gb, Ex mb IIIC T80°C/T95°C Db

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

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2. Specific conditions of safety use:

- A fuse must be connected in series to each safety sensor corresponding to its rated current. The fuse may be accommodated inside the associated power supply unit or has to be connected in series separately. The rated voltage of the fuse shall be the same as or higher than the rated voltage specified for the Ex-magnet safety sensor. The breaking capacity of the fuse link shall be the same as or higher than the maximum short-circuit current expected to occur at the place of installation (usually 1500 A).
- For the LED-variant the safety-related maximum values of the switching currents shall be limited to 125 mA resp. 20 mA by additional measures.
- The connecting cable shall be connected inside an enclosure which complies with the requirements of an acknowledged type of protection when the connection is carried out inside the hazardous area.
- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2010C108
- Factory inspection report: CN2021Q010179

4. Certificate change information: None

Issued on: 2021-08-13

Director:



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





中国国家强制性产品认证证书

编号: 2021312304001135

委 托 人 Steute Technologies GmbH & Co. KG
 地 址 Brückenstrasse 91, 32584 Löhne, Germany
 生 产 者 Steute Technologies GmbH & Co. KG
 地 址 Brückenstrasse 91, 32584 Löhne, Germany
 生 产 企 业 Steute Technologies GmbH & Co. KG
 生 产 地 址 Brückenstrasse 91, 32584 Löhne, Germany
 产 品 名 称 电磁开关
 型 号 规 格 Ex RC Si 56***
 防 爆 标 志 Ex mb IIC T6/T5 Gb, Ex mb IIIC T80°C/T95°C Db
 依 据 标 准 GB3836.1-2010, GB3836.9-2014

认 证 模 式 型式试验+初始工厂检查+获证后监督

上述产品符合 CNCA-C23-01: 2019 《强制性产品认证实施规则 防爆电气》
和 CNEX-C2301-2019 《强制性产品认证实施细则 防爆电气》的要求。

产品相关信息见附页 (共 2 页)。

颁发日期 2021 年 08 月 13 日

有效期至 2026 年 08 月 12 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

主任:



南阳防爆电气研究所有限公司



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中国国家强制性产品认证证书 (附页)

编号: 2021312304001135

第 1 页 共 2 页

产品相关信息:

1、本证书覆盖产品如下:

- Ex RC Si 56***

命名规则

Ex RC Si 56	**	*
--	1)	2)

1) 触点功能

1Ö/1S: 1NC/1NO

2Ö: 2NC

2) 电缆长度, 单位: m

电气参数:

最大电压: 30 V DC

最大开关电流: 125 mA

20 mA (带 LED)

使用环境温度: T6: -20°C~+70°C T5: -20°C~+85°C

外壳防护等级: IP67

防爆标志: Ex mb IIC T6/T5 Gb, Ex mb IIIC T80°C/T95°C Db

颁发日期 2021 年 08 月 13 日

主任:



南阳防爆电气研究所有限公司



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- 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:

- 每个电磁开关需串联一个与其额定电流相对应的熔断器,熔断器可安装在相关电源装置内,或必须单独串联连接。熔断器的额定电压应等于或高于电磁开关的额定电压。熔断器的分断能力应等于或高于安装位置预期出现的最大短路电流(通常为 1500 A)。
- 对于带 LED 的电磁开关,与安全相关的最大开关电流应采取附加措施从 125mA 限制到 20mA。
- 在危险区域进行连接时,连接电缆应在符合 GB3836.1 第 1 章规定的相应防爆型式的外壳内进行连接。
- 其他见产品使用说明书。

3、证书关联报告:

- 产品型式试验报告: CQST2010C108
- 工厂检查报告: CN2021Q010179

4、证书变更信息: 无

颁发日期 2021 年 08 月 13 日

主任:

穆大玉



南阳防爆电气研究所有限公司



中国认可
产品
PRODUCT
CNAS C208-P

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