



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312304001046

<b>Applicant</b>	R. STAHL Schaltgeräte GmbH
<b>Address</b>	Am Bahnhof 30, 74638 Waldenburg, Germany
<b>Manufacturer</b>	R. STAHL Schaltgeräte GmbH
<b>Address</b>	Am Bahnhof 30, 74638 Waldenburg, Germany
<b>Production Factory</b>	R. STAHL Schaltgeräte GmbH
<b>Production Address</b>	Am Bahnhof 30, 74638 Waldenburg, Germany
<b>Product</b>	Circuit breaker
<b>Model/Type</b>	8562/5a-bcde-fgh
<b>Ex marking</b>	Ex db eb IIC Gb
<b>Reference Standards</b>	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 (3 pages).

Initial issue date: 2021-05-14

Issued date: 2023-04-23

Valid to: 2026-05-13

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 0001971





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

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**Product information:**

1. This certificate covers the following models:

- 8562/5a-bcde-fgh

**Nomenclature:**

Circuit breaker	Type	8562/5a-bcde-fgh
5	Circuit breaker	
a	Enclosure size (width) 1=36mm 2=54mm 3=72mm 4=99mm	
b	Number of Poles 1=1-pole 2=2-pole 3=3-pole 4=3-pole+N 5=1-pole+N 6=4-pole	
c, d	Protective Device	
	01=MCB	B-Characteristic 6kA
	02=MCB	B-Characteristic 10kA
	03=MCB	C-Characteristic 6kA
	04=MCB	C-Characteristic 10kA
	05=MCB/RCD	B-Characteristic 6kA/0.03A
	06=MCB/RCD	B-Characteristic 6kA/0.3A
	07=MCB/RCD	C-Characteristic 6kA/0.03A
	08=MCB/RCD	C-Characteristic 6kA/0.3A
	09=RCD	0.01A
	10=RCD	0.03A
	11=RCD	0.3A
	12=RCD	0.5A

Issued date: 2023-04-23

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	13=MCB/RCD	B-Characteristic	6kA/0.01A
	14=MCB/RCD	C-Characteristic	6kA/0.01A
	15=MCB AC/DC	B-Characteristic	6kA
	16=MCB AC/DC	C-Characteristic	6kA
	17=RCD		0.1A
	18=MCB	B-Characteristic	10kA, 480V
	19=MCB	C-Characteristic	10kA, 480V
	21=MCB	D-Characteristic	6kA
	22=MCB	D-Characteristic	10kA
	23=MCB	D-Characteristic	10kA, 480V
	25=MCB/RCD	B-Characteristic	10kA, 0.03A
	26=MCB/RCD	B-Characteristic	10kA, 0.3A
	27=MCB/RCD	C-Characteristic	10kA, 0.03A
	28=MCB/RCD	C-Characteristic	10kA, 0.3A
	30=MCB/RCD	C-Characteristic	6kA, 0.03A
	33=MCB/RCD	B-Characteristic	10kA, 0.01A
	34=MCB/RCD	C-Characteristic	10kA, 0.01A
e,f,g,h	numerals or letters without influence to explosion-protection		

**Technical data:**

Rated insulation voltage	up to 550 V
Rated operation voltage, main contacts	up to 440 V
Rated operation voltage, auxiliary contacts	up to 250 V
Rated current I <sub>e</sub> , main contacts	max. 63A
Rated current I <sub>e</sub> , auxiliary contacts	max. 5A
Rated cross section, main contact	max. 10mm <sup>2</sup>
Rated cross section, auxiliary contact	max. 1.5mm <sup>2</sup>

The circuit breaker is designed for 110°C temperature resistance.

Thermal limit current for temperature class	T6	T5	T4
Fuse with fault current circuit breaker	13A	40A	63A
Circuit breaker	13A	32A	40A

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Fault current circuit breaker	--	40A	63A
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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 range: -20°C~+60°C.
  - The circuit breaker shall be fitted in an enclosure that meets the requirements of an approved type of protection in accordance with GB/T3836.1, section 1.
  - When installing the circuit breaker in an enclosure designed to type of protection Increased Safety "e" as specified in GB/T3836.3, the clearance and creepage distances shown in section 4.3, section 4.4, and table 2 shall be duly considered.
  - See instruction for other information.
- 3. Certificate related report(s):
  - Type test report: CQST2012C079, CQST2012C079/01
  - Factory inspection report: CN2022Q030187
- 4. Certificate change information:
  - 1st change on April 23, 2023: Updated the standards for certification.

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