



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2022312309000735

**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** 1. R. STAHL Schaltgeräte GmbH  
**Production Address** 1. Am Bahnhof 30, 74638 Waldenburg, Germany  
**Product** Audible and visual signalling devices  
**Model/Type** \*\*\*\*/2\*-D\*\*\*\*\_\*\*\*\*\*\_\*\*\*\*\*\_\*\*\*\*  
**Ex marking** Ex db IIC T6/T4 Gb, Ex tb IIIC T80°C/T100°C Db  
**Reference Standards** GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.31-2021

**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 (4 pages).

Initial issue date: 2022-04-26

Issued date: 2022-11-25

Valid to: 2027-04-25

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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CN 0001519



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

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**Product information:**

1. This certificate covers the following models:

- \*\*\*\*/2\*-D\*\*\*\*-\*\*\*\*\*-\*\*\*\*\*-\*\*\*\*

**Nomenclature:**

****/	2	*	-	D	***	**-*****-*****-****
a	b	c	-	d	e	f

a: Type: YL60, YA60, FL60

b: 2 = Generation 2 (Ex db IIC)

c: 1= ATEX/ IECEX

d: D=24VDC

e: S00=short horn

050=5J Xenon

V00=LED vertical

H00=LED horizontal

(For combination units, the sounder is integrated/ not selectable)

f: additional information without reference to explosion-protection

**Electrical Data:**

Type	YL60/2*-D****-*****-*****-****	
Signaling	audible/visual (Xenon-flash or LED)	
Supply voltage	12~24V DC(LED-variant: 21.1~24V DC)	
Average Input power	≤20W	
Temperature class	T6	T4
Max. Surface temperature	T80°C	T100°C
Ambient temperature range(gas)	-45°C~+50°C <sup>1)</sup>	-45°C~+70°C <sup>2)</sup>
Ambient temperature range(dust)	-35°C~+50°C <sup>1)</sup>	-35°C~+70°C <sup>2)</sup>

1) In/Out wiring up to 10 A

2) for In/Out wiring up to 10 A supply cable and cable gland must be suitable for service ≥ 90 °C.

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Type	YA60/2*-D*****_*****_*****_****	
Signaling	audible	
Supply voltage	12~24V DC	
Average Input power	≤12W	
Temperature class	T6	T4
Max. Surface temperature	T80°C	T100°C
Ambient temperature range(gas)	-45°C~+50°C <sup>1)</sup>	-45°C~+70°C <sup>2)</sup>
Ambient temperature range(dust)	-35°C~+50°C <sup>1)</sup>	-35°C~+70°C <sup>2)</sup>

1) In/Out wiring up to 10 A

2) for In/Out wiring up to 10 A supply cable and cable gland must be suitable for service ≥ 90 °C .

Type	FL60/2*-D*****_*****_*****_****	
Signaling	visual (Xenon-flash or LED)	
Supply voltage	12~24V DC(LED-variant: 21.1~24V DC)	
Average Input power	≤9W	
Temperature class	T6	T4
Max. Surface temperature	T80°C	T100°C
Ambient temperature range(gas)	-45°C~+50°C <sup>1)</sup>	-45°C~+70°C <sup>2)</sup>
Ambient temperature range(dust)	-35°C~+50°C <sup>1)</sup>	-35°C~+70°C <sup>2)</sup>

1) In/Out wiring up to 10 A

2) for In/Out wiring up to 10 A supply cable and cable gland must be suitable for service ≥ 90 °C .

All Types	Control input
Input voltage	12~24V DC
Input power	≤20 mW
Input current	≤1 mA

Ingress Protection: IP66.

Ex marking: Ex db IIC T6/T4 Gb, Ex tb IIIC T80°C/T100°C Db

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中国认可  
产品  
PRODUCT  
CNAS C208-P



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- Producers should organize production in accordance with the technical documents approved by the certification body.
- 2. Specific conditions of safety use:
  - A repair of a flame-proof joints is only permitted in accordance with the manufacturer's values.
  - The protective covers and loudspeaker horns must be installed in a way that they are protected against electrostatic charging.
  - The ambient temperature range for dust applications is a maximum range of -35 °C to +50°C or +70°C. For gas application the minimum ambient can be reduced to -45°C.
  - The used screws must have a strength class that corresponds to at least A2-70.
  - Before application, CCC certified Ex db IIC Gb, Ex tb IIIC Db cable gland(IP 66) and/or stopping plug(IP 66) must be applied, suitable for the conditions of use and correctly installed.
  - See instruction for other information.
- 3. Certificate related report(s):
  - Type test report: CQST2204C079, CQST2204C079/01
  - Factory inspection report: CN2022Q030187 (See Clause 5 for the details of other Factory inspection report(s))
- 4. Certificate change information:
  - 1st change on November 25, 2022:
    - 1) Updated the standards for certification.
    - 2) Integrating the certificates issued to the same production factory and different factory address.
- 5. The other production addresses and factory inspection reports:

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No.	Address (Production Factory)	Factory inspection report
Address 2	Nordstrasse 10, 99427 Weimar, Germany (R. STAHL Schaltgeräte GmbH)	CN2022Q010188

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