



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312309000282

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 Optical Beacon
Model/Type 6161/-...-...-1
Ex marking See annex
Reference Standards GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021,
GB/T 3836.31-2021

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 CNEC-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: 2020-09-01

Issued date: 2022-11-25

Valid to: 2025-08-31

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>
ccc.china-ex.com

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Product information:

1. This certificate covers the following models and product parameters:

- 6161/2-...-1, 6161/3-...-1, 6161/8-7-...-1, 6161/8-8-...-1

Nomenclature:

6161	/	.	-	.	.	-	...-	-	1
a		b		c	d		e		f

a: Type series

b: Variants

2=Electronic flash lamp

3=LED

8=Wireless (USB)

c: Voltage

1=230V AC

3=110V~127V AC

4=60V~80V DC or 42V~48V AC

5=24V DC Soft start

6=12V~48V DC and 24V~42V AC

d: Power

0=Continuous lamp LED

1=5J

7=WLAN

8=Bluetooth

e: Variants without effect on explosion protection to be filled in when required

f: Version

1=Version1

Rated voltage options for type 6161/2-...-1:

12 V to 48 V DC

24 V DC

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PRODUCT
CNAS C208-P



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24 V to 42 V AC (50/60 Hz)
60 V to 80 V DC or 42 V to 48 V AC
110 V to 127 V AC (50/60 Hz)
230 V AC (50/60 Hz)

Type 6161/3-...-...-1:
Rated voltage: 230 V AC (50/60 Hz), 24V DC, 24V AC(50/60 Hz)

Type 6161/8-7-...-...-1 and 6161/8-8-...-...-1:
Rated voltage: 24 V DC

Ex marking:

Type 6161/2-...-...-1:
Ex db eb IIC T6 Gb, Ex tb IIIC T85°C Db (-40°C≤T_a≤40°C)
Ex db eb IIC T5 Gb, Ex tb IIIC T100°C Db (-40°C≤T_a≤50°C)

Type 6161/3-...-...-1:
Ex db eb op is IIC T6 Gb, Ex tb op is IIIC T65°C Db (-40°C≤T_a≤40°C)
Ex db eb op is IIC T6 Gb, Ex tb op is IIIC T75°C Db (-40°C≤T_a≤50°C)

Type 6161/8-7-...-...-1, 6161/8-8-...-...-1:
Ex db eb IIC T6 Gb, Ex tb IIIC T85°C Db (-40°C≤T_a≤60°C)

Ingress Protection: IP66

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

2. Specific conditions of safety use:

- When the optional guard is not installed, the apparatus shall be submitted to low risk of mechanical impact only.
- The evaluation and test of the optical radiation "op is" standard are not included in the scope of this product certification.
- See instruction for other information.

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3. Certificate related report(s):

- Type test report: CQST2005C032, CQST2005C032/01
- Factory inspection report: CN2020Q010046 (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) Addition of 6161/3-...-1 voltage variant.
 - 3) Addition of production location of production factory.

5. The other production addresses and factory inspection reports:

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

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