



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312304000879

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 R. STAHL Schaltgeräte GmbH
Production Address Am Bahnhof 30, 74638 Waldenburg, Germany
Product Explosion-Protected Circuit Protection Devices
Model/Type See details in annex
Ex marking Ex db eb IIC Gb
Reference Standards 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 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 (28 pages).

Initial issue date: 2020-10-28

Issued date: 2023-04-29

Valid to: 2025-10-27

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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CN 0001939



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Product information:

1. This certificate covers the following models:

(1) 8530/1-MCB-STA06d-ef-gh-i. Explosion-Protected Circuit Breaker

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

i Housing size 3.

(2) 8530/1-MCB-STA10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

i Housing size 3.

(3) 8530/1-MCB-STA15d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

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- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.
- i Housing size 3.

(4) 8530/1-MCB-STA25d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.
- i Housing size 3.

(5) 8530/1-MCB-DCA10d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

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i Housing size 3.

(6) 8530/1-MCB-NAA10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

i Housing size 3.

(7) 8530/1-MCB-STG06d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

i Housing size 3.

(8) 8530/1-MCB-STG10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

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- f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.
 - g Accessories 0, 1, 2, 3, 4, 5 or 6.
 - h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.
 - i Housing size 3.
- (9) 8530/1-MCB-STG15d-ef-gh-i. Explosion Protected Circuit Breaker.
- d Poles 1, 1N, 2 or 3.
 - e Tripping characteristic B, C, D, K or Z.
 - f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.
 - g Accessories 0, 1, 2, 3, 4, 5 or 6.
 - h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.
 - i Housing size 3.
- (10) 8530/1-MCB-STG25d-ef-gh-i. Explosion Protected Circuit Breaker.
- d Poles 1, 1N, 2 or 3.
 - e Tripping characteristic B, C, D, K or Z.
 - f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.
 - g Accessories 0, 1, 2, 3, 4, 5 or 6.
 - h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.
 - i Housing size 3.

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(11) 8530/1-MCB-DCG10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

i Housing size 3.

(12) 8530/1-MCB-NAG10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

i Housing size 3.

(13) 8530/1-MCB-NDG10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

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h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

i Housing size 3.

(14) 8530/1-MCB-STS06d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

i Housing size 3.

(15) 8530/1-MCB-STS10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.

i Housing size 3.

(16) 8530/1-MCB-STS15d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

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- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42,43, 44, 45 or 46.
- i Housing size 3.

(17) 8530/1-MCB-STS25d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(18) 8530/1-MCB-DCS10d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30,32 or 40A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

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(19) 8530/1-MCB-NAS10d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(20) 8530/1-MCB-STA06d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(21) 8530/1-MCB-STA10d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.

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i Housing size 3.

(22) 8530/1-MCB-STA15d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 50 or 63A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.

i Housing size 3.

(23) 8530/1-MCB-STA25d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 50 or 63A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.

i Housing size 3.

(24) 8530/1-MCB-DCA10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 50 or 63A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

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h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.

i Housing size 3.

(25) 8530/1-MCB-NAA10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 50 or 63A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.

i Housing size 3.

(26) 8530/1-MCB-STG06d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 50 or 63A.

g Accessories 0, 1, 2, 3, 4, 5 or 6.

h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.

i Housing size 3.

(27) 8530/1-MCB-STG10d-ef-gh-i. Explosion Protected Circuit Breaker.

d Poles 1, 1N, 2 or 3.

e Tripping characteristic B, C, D, K or Z.

f Nominal current 50 or 63A.

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- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(28) 8530/1-MCB-STG15d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(29) 8530/1-MCB-STG25d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(30) 8530/1-MCB-DCG10d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.

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- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(31) 8530/1-MCB-NAG10d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(32) 8530/1-MCB-NDG10d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(33) 8530/1-MCB-STS06d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.

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- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(34) 8530/1-MCB-ST510d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(35) 8530/1-MCB-ST515d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(36) 8530/1-MCB-ST525d-ef-gh-i. Explosion Protected Circuit Breaker.

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- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(37) 8530/1-MCB-DCS10d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(38) 8530/1-MCB-NAS10d-ef-gh-i. Explosion Protected Circuit Breaker.

- d Poles 1, 1N, 2 or 3.
- e Tripping characteristic B, C, D, K or Z.
- f Nominal current 50 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

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(39) 8530/1-RCCB-STAccd-e-f-gh-i. Explosion Protected Ground Fault Equipment Protector (GFEP).

- c Switching type A, AS, AP, A110V, B, BS, B+ or F.
- d Poles 1N or 2
- e Sensitivity 10, 30, 100, 300 or 500.
- f Nominal current 16, 25, 40 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(40) 8530/1-RCCB-STGcd-e-f-gh-i. Explosion Protected Ground Fault Equipment Protector (GFEP).

- c Switching type A, B or F.
- d Poles 1N or 2
- e Sensitivity 10, 30, 100, 300 or 500.
- f Nominal current 16, 25, 40 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(41) 8530/1-RCCB-STScd-e-f-gh-i. Explosion Protected Ground Fault Equipment Protector (GFEP).

- c Switching type A, AS, AP, B, BS, B+ or F.

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- d Poles 1N or 2
- e Sensitivity 10, 30, 100, 300 or 500.
- f Nominal current 16, 25, 40 or 63A.
- g Accessories 0, 1, 2, 3, 4, 5 or 6.
- h Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- i Housing size 3.

(42) 8530/1-RCBO-STAc06e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A, AP, AS or F.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(43) 8530/1-RCBO-STAc06e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A, AP, AS or F.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.

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- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30 or 32A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(44) 8530/1-RCBO-STAc10e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A, AP, AS or F.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(45) 8530/1-RCBO-STAc10e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A, AP, AS or F.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.

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- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30 or 32A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(46) 8530/1-RCBO-STAc15e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(47) 8530/1-RCBO-STAc15e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30 or 32A.

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- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(48) 8530/1-RCBO-STAc25e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(49) 8530/1-RCBO-STAc25e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30 or 32A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.

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- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(50) 8530/1-RCBO-STGc06e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(51) 8530/1-RCBO-STGc06e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30 or 32A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.

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k Housing size 3.

(52) 8530/1-RCBO-STGc10e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

c Switching type A or S.

e Poles 1N or 2

f Sensitivity 10, 30, 300 or 500.

g Tripping characteristic B, C, D, K or Z.

h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.

i Accessories 0, 1, 2, 3, 4, 5 or 6.

j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.

k Housing size 3.

(53) 8530/1-RCBO-STGc10e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

c Switching type A or AS.

e Poles 1N or 2

f Sensitivity 10, 30, 300 or 500.

g Tripping characteristic B, C, D, K or Z.

h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30 or 32A.

i Accessories 0, 1, 2, 3, 4, 5 or 6.

j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.

k Housing size 3.

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(54) 8530/1-RCBO-STGc15e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(55) 8530/1-RCBO-STGc15e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30 or 32A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(56) 8530/1-RCBO-STGc25e-f-gh-ij-k. Explosion Protected Ground Fault Equipment

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Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(57) 8530/1-RCBO-STGc25e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30 or 32A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(58) 8530/1-RCBO-STSc06e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

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- c Switching type A, AP or F.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(59) 8530/1-RCBO-STGc10e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A or AS.
- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

(60) 8530/1-RCBO-STSc10e-f-gh-ij-k. Explosion Protected Ground Fault Equipment Protector (GFEP) with integral Overcurrent Protection.

- c Switching type A, AS or F .

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- e Poles 1N or 2
- f Sensitivity 10, 30, 300 or 500.
- g Tripping characteristic B, C, D, K or Z.
- h Nominal current 0.5, 1, 1.6, 2, 3, 4, 5, 6, 8, 10, 13, 15, 16, 20, 25, 30, 32 or 40A.
- i Accessories 0, 1, 2, 3, 4, 5 or 6.
- j Accessories 00, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 44, 45 or 46.
- k Housing size 3.

Electrical parameters

MCB ≤690VAC
RCCB ≤500VAC
RCBO ≤500VAC

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:
- This Series 8530/1 has a service temperature range of $-25^{\circ}\text{C} \leq T_s \leq +110^{\circ}\text{C}$.
 - Field wiring conductors shall be rated not less than ① K above the surrounding air temperature. (See remarks for the values of ①)
 - The flameproof enclosure cannot be repaired.
 - The Series 8530/1 shall be protected from exposure to ultraviolet light.
 - For EPL Gb applications, the Series 8530/1 shall be installed in an increased safety "eb" enclosure.

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- The 8530/1-RCCB-STAcc-e-f-gh-i shall be protected by Gg fuses rated not greater than 100 A. 8530/1-RCCB-STGcd-e-f-gh-i, 8530/1-RCCB-STScd-e-f-gh-i shall be protected by Gg fuses rated not greater than 80 A.
- The maximum rise of this 8530/1 enclosure is ② K with a limiting temperature in the final application of 110°C. (See remarks for the values of ②)
- The maximum rise of this 8530/1 for the determination of temperature class is ③ K with a limiting temperature in the final application of 80°C for T6, 95°C for T5 or 130°C for T4. (See remarks for the values of ③)
- The maximum available fault current shall not exceed 10000 symmetrical amperes.
- See instruction for other information.

Remarks: ①, ②, ③ have the meanings given in the table below.

Type	①	②	③
(1) 8530/1-MCB-STA06d-ef-gh-i	47	47	56
(2) 8530/1-MCB-STA10d-ef-gh-i	47	47	56
(3) 8530/1-MCB-STA15d-ef-gh-i	47	47	56
(4) 8530/1-MCB-STA25d-ef-gh-i	47	47	56
(5) 8530/1-MCB-DCA10d-ef-gh-i	47	47	56
(6) 8530/1-MCB-NAA10d-ef-gh-i	47	47	56
(7) 8530/1-MCB-STG06d-ef-gh-i	45	45	55
(8) 8530/1-MCB-STG10d-ef-gh-i	45	45	55
(9) 8530/1-MCB-STG15d-ef-gh-i	45	45	55
(10) 8530/1-MCB-STG25d-ef-gh-i	45	45	55
(11) 8530/1-MCB-DCG10d-ef-gh-i	45	45	55
(12) 8530/1-MCB-NAG10d-ef-gh-i	45	45	55
(13) 8530/1-MCB-NDG10d-ef-gh-i	45	45	55
(14) 8530/1-MCB-STS06d-ef-gh-i	45	45	49
(15) 8530/1-MCB-STS10d-ef-gh-i	45	45	49

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(16)	8530/1-MCB-ST515d-ef-gh-i	45	45	49
(17)	8530/1-MCB-ST525d-ef-gh-i	45	45	49
(18)	8530/1-MCB-DCS10d-ef-gh-i	45	45	49
(19)	8530/1-MCB-NAS10d-ef-gh-i	45	45	49
(20)	8530/1-MCB-ST5A06d-ef-gh-i	59	59	55
(21)	8530/1-MCB-ST5A10d-ef-gh-i	59	59	55
(22)	8530/1-MCB-ST5A15d-ef-gh-i	59	59	55
(23)	8530/1-MCB-ST5A25d-ef-gh-i	59	59	55
(24)	8530/1-MCB-DCA10d-ef-gh-i	59	59	55
(25)	8530/1-MCB-NAA10d-ef-gh-i	59	59	55
(26)	8530/1-MCB-STG06d-ef-gh-i	47	47	55
(27)	8530/1-MCB-STG10d-ef-gh-i	47	47	55
(28)	8530/1-MCB-STG15d-ef-gh-i	47	47	55
(29)	8530/1-MCB-STG25d-ef-gh-i	47	47	55
(30)	8530/1-MCB-DCG10d-ef-gh-i	47	47	55
(31)	8530/1-MCB-NAG10d-ef-gh-i	47	47	55
(32)	8530/1-MCB-NDG10d-ef-gh-i	47	47	55
(33)	8530/1-MCB-ST5S06d-ef-gh-i	43	43	52
(34)	8530/1-MCB-ST5S10d-ef-gh-i	43	43	52
(35)	8530/1-MCB-ST5S15d-ef-gh-i	43	43	52
(36)	8530/1-MCB-ST5S25d-ef-gh-i	43	43	52
(37)	8530/1-MCB-DCS10d-ef-gh-i	43	43	52
(38)	8530/1-MCB-NAS10d-ef-gh-i	43	43	52
(39)	8530/1-RCCB-ST5Ac-d-e-f-gh-i	35	35	42
(40)	8530/1-RCCB-ST5Gcd-e-f-gh-i	63	63	80
(41)	8530/1-RCCB-ST5Scd-e-f-gh-i	38	38	49
(42)	8530/1-RCBO-ST5Ac06e-f-gh-ij-k	38	38	45
(43)	8530/1-RCBO-ST5Ac06e-f-gh-ij-k	33	33	38
(44)	8530/1-RCBO-ST5Ac10e-f-gh-ij-k	38	38	45
(45)	8530/1-RCBO-ST5Ac10e-f-gh-ij-k	33	33	38
(46)	8530/1-RCBO-ST5Ac15e-f-gh-ij-k	38	38	45
(47)	8530/1-RCBO-ST5Ac15e-f-gh-ij-k	33	33	38

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Nanyang Explosion Protected Electrical
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CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

(Annex)

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(48)	8530/1-RCBO-STAc25e-f-gh-ij-k	38	38	45
(49)	8530/1-RCBO-STAc25e-f-gh-ij-k	33	33	38
(50)	8530/1-RCBO-STGc06e-f-gh-ij-k	43	43	51
(51)	8530/1-RCBO-STGc06e-f-gh-ij-k	26	26	29
(52)	8530/1-RCBO-STGc10e-f-gh-ij-k	43	43	51
(53)	8530/1-RCBO-STGc10e-f-gh-ij-k	26	26	29
(54)	8530/1-RCBO-STGc15e-f-gh-ij-k	43	43	51
(55)	8530/1-RCBO-STGc15e-f-gh-ij-k	26	26	29
(56)	8530/1-RCBO-STGc25e-f-gh-ij-k	43	43	51
(57)	8530/1-RCBO-STGc25e-f-gh-ij-k	26	26	29
(58)	8530/1-RCBO-STSc06e-f-gh-ij-k	38	38	49
(59)	8530/1-RCBO-STGc10e-f-gh-ij-k	43	43	51
(60)	8530/1-RCBO-STSc10e-f-gh-ij-k	38	38	49

3. Certificate related report(s):

- Type test report: CQST2010C/F017, CQST2010C/F017/01
- Factory inspection report: CN2022Q030187

4. Certificate change information:

- 1st change on April 29, 2023: Updated the standards for certification.

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