



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

### Ex COMPONENT CERTIFICATE

Certificate No.: **IECEX FMG 19.0029U** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2020-01-15

Applicant: **R. STAHL Schaltgeräte GmbH**  
Am Bahnhof 30  
74638 Waldenburg  
Germany

Ex Component: Explosion-Protected Circuit Protection Devices: MCBs, RCCBs, and RCBOs

*This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).*

Type of Protection: **Flameproof "d"; Increased Safety "e"**

Marking: See attachment for marking details on each Type Code Series

Approved for issue on behalf of the IECEx  
Certification Body:

**J. E. Marequedant**

Position:

**VP, Manager - Electrical Systems**

Signature:  
(for printed version)

Date:

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1151 Boston-Providence Turnpike  
Norwood, MA 02062  
United States of America





# IECEX Certificate of Conformity

Certificate No.: **IECEX FMG 19.0029U**

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Date of issue: 2020-01-15

Issue No: 0

Manufacturer: **R. STAHL Schaltgeräte GmbH**  
Am Bahnhof 30  
Waldenburg  
Germany

Additional  
manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

#### STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

**IEC 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**IEC 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

**IEC 60079-7:2017** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

#### TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[US/FMG/ExTR19.0035/00](#)

Quality Assessment Report:

[DE/BVS/QAR10.0002/14](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx FMG 19.0029U**

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Date of issue: 2020-01-15

Issue No: 0

**Ex Component(s) covered by this certificate is described below:**

See attachment for Type Code details

**SCHEDULE OF LIMITATIONS:**

See attachment for Schedule of Limitations for each Type Series.

**Annex:**

[IECEx FMG 19-0029U-Attachment 1\\_R5.pdf](#)

Type Code / Rating / Schedule of Limitations by Type Code

## 8530/1 MCB

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

-25 °C ≤ Ts ≤ +110 °C

- 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 40.
- 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.

#### Schedule of Limitations:

1. This Series 8530/1-MCB has a service temperature range of -25 °C ≤ Ts ≤ +110 °C.
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety “eb” enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 56 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

## **8530/1-MCB-STA10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

### **Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 56 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

## **8530/1-MCB-STA15d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

### **Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 56 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

## **8530/1-MCB-STA25d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

### **Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 56 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-DCA10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 56 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.



**8530/1-MCB-NAA10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 56 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

## **8530/1-MCB-STG06d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

### **Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

## **8530/1-MCB-STG10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

### **Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STG15d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STG25d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-DCG10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-NAG10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-NDG10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.



**8530/1-MCB-STS06d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 49 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

## **8530/1-MCB-STS10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

### **Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 49 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STS15d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 49 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STS25d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 49 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-DCS10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 49 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-NAS10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 45 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 45 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 49 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 59 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 59 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STA10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 59 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 59 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.



**8530/1-MCB-STA15d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 59 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 59 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

## **8530/1-MCB-STA25d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

### **Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 59 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 59 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-DCA10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 59 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 59 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-NAA10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 59 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 59 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STG06d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STG10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STG15d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STG25d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.



**8530/1-MCB-DCG10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-NAG10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-NDG10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 47 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 47 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 55 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STS06d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 52 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STS10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 52 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STS15d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 52 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-STS25d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 52 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

**8530/1-MCB-DCS10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 52 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.



**8530/1-MCB-NAS10d-ef-gh-i. Explosion Protected Circuit Breaker.**

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- d = Poles 1, 1N, 2, or 3
- e = Tripping characteristic B, C, D, K, or Z.
- f = Nominal current 50 or 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-MCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-MCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-MCB shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this MCB enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this MCB for the determination of temperature class is 52 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

## 8530/1 RCCB

### 8530/1-RCCB-STAc-d-e-f-gh-i. Explosion Protected Ground Fault Equipment Protector (GFEP).

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 63.
- 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.

#### Schedule of Limitations:

1. This Series 8530/1-RCCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 35 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCCB shall be installed in an increased safety "eb" enclosure.
6. The Series 8530/1-RCCB shall be protected by Gg fuses rated not greater than 100 A.
7. The maximum rise of this RCCB enclosure is 35 K with a limiting temperature in the final application of 110 °C.
8. The maximum rise of this RCCB for the determination of temperature class is 42 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
9. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-RCCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 63 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCCB shall be installed in an increased safety "eb" enclosure.
6. The Series 8530/1-RCCB shall be protected by Gg fuses rated not greater than 80 A.
7. The maximum rise of this RCCB enclosure is 63 K with a limiting temperature in the final application of 110 °C.
8. The maximum rise of this RCCB for the determination of temperature class is 80 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
9. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- c = Switching type A, AS, AP, 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 63.
- 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.

**Schedule of Limitations:**

1. This Series 8530/1-RCCB has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 38 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCCB shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCCB shall be installed in an increased safety "eb" enclosure.
6. The Series 8530/1-RCCB shall be protected by Gg fuses rated not greater than 80 A.
7. The maximum rise of this RCCB enclosure is 38 K with a limiting temperature in the final application of 110 °C.
8. The maximum rise of this RCCB for the determination of temperature class is 49 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
9. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

## 8530/1 RCBO

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

#### Schedule of Limitations:

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 38 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 38 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 45 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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, or 32.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 33 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 33 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 38 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 38 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 38 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 45 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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, or 32.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 33 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 33 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 38 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.



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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 38 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 38 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 45 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 32.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 33 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 33 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 38 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 38 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 38 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 45 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 32.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 33 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 33 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 38 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 51 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 32.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 26 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 26 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 29 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 51 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 32.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 26 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 26 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 29 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.



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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 51 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 32.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 26 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 26 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 29 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 51 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 32.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 26 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 26 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 29 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 38 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 38 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 49 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 43 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 43 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 51 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.

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

IECEX FMG 19.0029U

Ex db eb IIC Gb

$-25\text{ °C} \leq T_s \leq +110\text{ °C}$

- c = Switching type A, 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 40.
- 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, 42, 43, 44, 45, or 46.
- k - Housing size 3.

**Schedule of Limitations:**

1. This Series 8530/1-RCBO has a service temperature range of  $-25\text{ °C} \leq T_s \leq +110\text{ °C}$ .
2. Field wiring conductors shall be rated not less than 38 K above the surrounding air temperature.
3. The flameproof enclosure cannot be repaired.
4. The Series 8530/1-RCBO shall be protected from exposure to ultraviolet light.
5. For EPL Gb applications, the Series 8530/1-RCBO shall be installed in an increased safety "eb" enclosure.
6. The maximum rise of this RCBO enclosure is 38 K with a limiting temperature in the final application of 110 °C.
7. The maximum rise of this RCBO for the determination of temperature class is 49 K with a limiting temperature in the final application of 80 °C for T6, 95 °C for T5, or 130 °C for T4.
8. The maximum available fault current shall not exceed 10 000 symmetrical amperes.