



## Certificate of Conformity

(1)

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**

(3) Certificate Number

**EPS 23 ATEX 2 307 X**

**Revision 0**

(4) Equipment: Multileaf dampers series JZ-\*\*-.../Z\*\*\*EX/...

(5) Manufacturer: TROX GmbH

(6) Address: Heinrich-Trox-Platz  
47504 Neukirchen-Vluyn  
Germany

(7) This equipment and any acceptable variation thereto are specified in the annex to this Certificate of Conformity and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH certifies based on a voluntary assessment that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 23TH0459.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

**EN IEC 60079-0:2018**


**EN ISO 80079-36:2016**

**EN ISO 80079-37:2016**

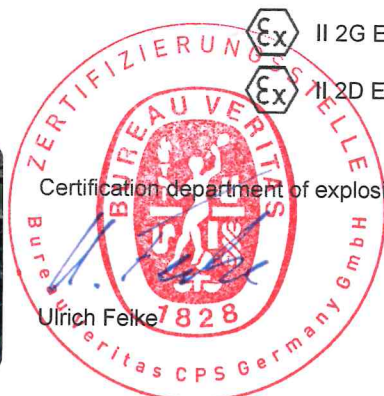
(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.

(11) This Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:

 II 2G Ex h IIC T6...T4 Gb

 II 2D Ex h IIIC T80°C...T130°C Db



Certification department of explosion protection

Ulrich Felke

Tuerkheim, 2023-11-24

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.

(13)

## Annex

(14) **Certificate of Conformity EPS 23 ATEX 2 307 X**

Revision 0

(15) Description of equipment:

The explosion-proof multileaf damper is used as a control element in the volume flow and pressure control in air conditioning systems, e.g. in ventilation and air handling units, in ventilation plant rooms or ducting, in potentially explosive atmospheres.

The explosion-proof multileaf damper is marked on the rating plate in accordance with ATEX Directive 2014/34/EU. The multileaf damper may only be used in the hazardous area defined by the equipment category.

(16) Reference number: 23TH0459

(17) Special conditions for safe use:

Ambient temperature range:      $-20\text{ °C} \leq T_{\text{amb}} \leq +40\text{ °C}$   
    $-20\text{ °C} \leq T_{\text{amb}} \leq +50\text{ °C}$  (when using suitable actuator)  
    $-20\text{ °C} \leq T_{\text{amb}} \leq +60\text{ °C}$  (when using suitable actuator)

The explosion-proof multileaf damper shall be sufficiently and permanently connected to the earth potential.

The operating air of the pneumatic actuators shall be filtered and taken from a non-hazardous area.

The explosion-proof multileaf damper may only be operated together with the approved explosion-proof actuator provided by TROX. The operating instructions and safety data sheets must be observed.

(18) Essential health and safety requirements:

Met by compliance with standards.



Tuerkheim, 2023-11-24