# CERTIFICATE

(1) **EU-Type Examination**

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

(3) EU-Type Examination Certificate Number: **KEMA 06ATEX0083 X** Issue Number: **3**

(4) Product: **Lightning Surge Protector types MD6N.., MD6P.. and MD6T..**

(5) Manufacturer: **MG CO., LTD.**

(6) Address: **5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063, Japan**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number 208585800 issue 3.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0 : 2006** **EN 60079-1 : 2004**

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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

**II 2 G Ex d IIC T5, T6**

Date of certification: 14 November 2023

DEKRA Certification B.V.

R. Schuller
Certification Manager



Throughout this document, a point is used as the decimal separator.

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 06ATEX0083 X** Issue No. **3**

(15) **Description**

The Lightning Surge Protector types MD6N.., MD6P.. and MD6T.. consists of a stainless steel or nickel plated brass enclosure with electronics that protect electronic circuits from damage caused by lightning.

Ambient temperature range: -40 °C to +80 °C for temperature class T5,
-40 °C to +75 °C for temperature class T6.

**Electrical data**

Line voltage …… 28 Vdc or 66 Vdc max.
Load current ……. 100 mA max.

**Installation instructions**

The manufacturers instructions shall be followed in detail to assure safe operation.

The cable entry device for the Lightning Surge Protector type MD6T shall be of a certified flameproof type, suitable for the conditions of use and correctly installed.

(16) **Report Number**

No. 208585800 issue 3.

(17) **Specific conditions of use**

Electrostatic charges on the enclosure shall be avoided.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Test Report No. 208585800 issue 3.