

**CERTIFICATE of CONFORMITY to TYPE**  
**According to Directive 2014/33/EU (Module C2)**

Certificate No: LF/KSA/A-C-0343A/23

Name & Address of the Certificate Holder: of the Manufacturer: **K2Kone**  
**144-1, GASEOK-RO, SEO-GU, INCHEON, REPUBLIC OF KOREA**  
Email: info@k2kone.net, sales@k2kone.net

Date of sampling Examination: 06/03//2024

Number of EU Type-Examination Certificate: MIRTEC, LF/KSA/A-C-0343/23

Number & Date of Report: LF/KSA/A-R-0343A/23, 06/03/2024

Product Type of Safety Component: **Electromechanical brake as ascending safety device (ASD) to prevent uncontrolled upward movement of the car and as unintended car movement protection (UCMP) means**

**Type: MEPB**

Place of testing: SHANGHAI JIAO TONG UNIVERSITY ELEVATOR TEST CENTER  
(EU Type-examination)

Surveillance Place: ZHEJIANG MATO DRIVE EQUIPMENT CO., LTD.  
(Production Surveillance)

Documents Annexed to this Certification: Product Description, Drawings, Installation & Maintenance Instructions, Material List, Material Certificate.

**DECLARATION**

***The manufacturer is -after examination of the prerequisites- authorized to provide his safety components (ASD&UCMP MEPB) manufactured within the scope of the type examination our identification number to the CE mark as illustrated :***

**CE 0437**

Date of issue: 15.03.2024

Validity of the certificate: 15.03.2025

For MIRTEC S.A.

  
I. DIMITRIADIS  
Director of Athens Office

Certification department for lifts

  
C. SPILIOPOULOS  
Inspector of Lift



EBETAM A.E.  
CERT - safecomp / EN 03 (5.0 / 24.10.2016)  
AET:42643

## Evaluation report for safety component for lifts

For type approval (Annex IV A, 2014/33/EU)

For conformity to type (Annex IX, 2014/33/EU)

**Examination Period: March 2024**

**Notified body. Notification No: 0437**

**Technical File No: MATO MEPB**

**Report No: LF/KSA/A-R-0343/23**

<b>Owner:</b> <b>K2Kone</b> 144-1, GASEOK-RO, SEO-GU, INCHEON REPUBLIC OF KOREA Email: info@k2kone.net, sales@k2kone.net	<b>Manufacturer:</b> <b>ZHEJIANG MATO DRIVE EQUIPMENT CO., LTD.</b> NO.188 YANGHUA ROAD, NANXUN TOWN, HUZHOU, ZHEJIANG, CHINA
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### Technical Characteristics

<u>Type of Safety Component (SC):</u> Electromechanical brake as ascending safety device (ASD) to prevent uncontrolled upward movement of the car and as unintended car movement protection (UCMP) means / MEPB	<u>Examination Norm:</u> 2014/33/EU, annex I, EN81-50:2020 5.7 & 5.8 EN81-20:2020 5.6.6, 5.6.7 & 5.9.2.2.2
<u>Drawing - Code:</u> MTA20236S / MTA1800Z / MTA2500Q / MTA90C / MTA2700W	<u>Characteristics:</u> Rated voltage: DC110 V Traction ratio: 2:1 Range of System mass: 1282 ~ 3868 kg Rated load: 630 ~ 1275 kg Car mass range: 515 ~ 1615 kg Rated brake torque: 2×800 Nm Spring type: Ø3.2 × Ø 9.7 × 43 mm

### Remarks

1. The type examination performed in SHANGHAI JIAO TONG UNIVERSITY ELEVATOR TEST CENTER according to EN 81-50: 2020 & EN 81-20: 2020. Relevant reports are UCMP: ETC21F380028, 06/05/2021 and ACOP: ETC21F350014, 06/05/2021.
2. The dimensions of the brake were measured and identified with the dimensions of the design drawings.
3. The completeness of the technical file was checked: -Drawings -Material list -Material certificates -Nameplate -Declaration of conformity

### Result of the examination:

**The safety component mentioned above meets the requirements of the standards and the directive and the certificate can be issued.**

Certificate to be issued:

YES

NO

The Inspector Lande Bar

Issue date: 06/03/2024



Verified by Christos Spiliotopoulos

Inspector of lifts



## Evaluation report for safety component for lifts

For type approval (Annex IV A, 2014/33/EU)

For conformity to type (Annex IX, 2014/33/EU)

**Examination Period: March 2024**

**Notified body. Notification No: 0437**

**Technical File No: MATO MEPB**

**Report No: LF/KSA/A-R-0343A/23**

<b>Owner:</b> <b>K2Kone</b> 144-1, GASEOK-RO, SEO-GU, INCHEON REPUBLIC OF KOREA Email: info@k2kone.net, sales@k2kone.net	<b>Manufacturer:</b> <b>ZHEJIANG MATO DRIVE EQUIPMENT CO., LTD.</b> NO.188 YANGHUA ROAD, NANXUN TOWN, HUZHOU, ZHEJIANG, CHINA
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### Remarks

1. The random checking performed by MIRTEC at ZHEJIANG MATO DRIVE EQUIPMENT CO., LTD. according to the directive 2014/33/EU and EN 81-50: 2020 & EN 81-20: 2020. All the results conform to the requirements of standards.
2. The dimensions of the brake were measured and identified with the dimensions of the design drawings.
3. The completeness of the technical file was checked: -Drawings -Material list -Material certificates -Nameplate -Declaration of conformity

### Result of the examination:

**The safety component mentioned above meets the requirements of the standards and the directive and the certificate can be issued.**

Certificate to be issued:

The Inspector Lande Bai

Issue date: 06/03/2024




YES

NO

Verified by Christos Spiliotopoulos

Inspector of lifts

