



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

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

Name & Address

K2Kone

of the Certificate Holder:

144-1, GASEOK-RO, SEO-GU, INCHEON, REPUBLIC OF KOREA

of the Manufacturer:

Email: info@k2kone.net, sales@k2kone.net

Date of sampling Examination:

06/03//2024

Number of

MIRTEC, LF/KSA/A-C-0343/23

EU Type-Examination Certificate:

LF/KSA/A-R-0343A/23, 06/03/2024

Number & Date of Report: 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

Certification department for lifts

I. DIMITRIADIS

Director of Athens Office

SPILIOFOPOULOS Inspector of Lift

EBETAM A.E.

CERT - safecomp / EN 03 (5.0 / 24.10.2016)

AET:42643

www.mirtec.gr

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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

Owner:

K2Kone

144-1, GASEOK-RO, SEO-GU, INCHEON REPUBLIC OF KOREA

Email: info@k2kone.net, sales@k2kone.net

Manufacturer:

ZHEJIANG MATO DRIVE EQUIPMENT

CO., LTD.

NO.188 YANGHUA ROAD, NANXUN TOWN,

HUZHOU, ZHEJIANG, CHINA

Technical Characteristics

Type of Safety Component (SC): Electromechanical brake as ascending safety device (ASD) to prevent uncontrolled upward movement of the car and as unintended car movement protection (UCMP) means / MEPB	Examination Norm: 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	Characteristics: 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 ר 9.7 × 43 mm

Remarks

- 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:

The Inspector Lande Bar

Issue date: 06/03/2024

YES ⊠ NO □

Notified Bod 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

Owner:

K2Kone

144-1, GASEOK-RO, SEO-GU, INCHEON REPUBLIC OF KOREA

Email: info@k2kone.net, sales@k2kone.net

Manufacturer:

ZHEJIANG MATO DRIVE FOUIPMENT

CO., LTD.

NO.188 YANGHUA ROAD, NANXUN TOWN,

HUZHOU, ZHEJIANG, CHINA

Technical Characteristics

Type of Safety Component (SC): Electromechanical brake as ascending safety device (ASD) to prevent uncontrolled upward movement of the car and as unintended car movement protection (UCMP) means / MEPB	Examination Norm: 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
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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

437

YES X

NO

Verified by Christos Spiliotopoulos

Inspector of lifts