

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: July, 2022

Notified body. Notification No: 0437

Technical File No: XIZI DZD2

Report No: LF/KSA/A-R-0283/22

Owner: ZHEJIANG XIZI FORVORDA ELECTRICAL MACHINERY CO., LTD. No.181, Heting Street, Qingshan Lake Subdistrict, Lin'an District, Hangzhou City, Zhejiang Province, China	Manufacturer: ZHEJIANG XIZI FORVORDA ELECTRICAL MACHINERY CO., LTD. No.181, Heting Street, Qingshan Lake Subdistrict, Lin'an District, Hangzhou City, Zhejiang Province, China
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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 / DZD2	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
Drawing - Code: XF2556127, XF4010162, XF37051, XF4120119002, XF4120123005AA, XF41201AAA001	Characteristics: Rated voltage: DC110 V Range of System mass: 1080 - 6625 kg Rated load: 450 - 1250 kg Car mass range: 450 - 3000 kg Rated brake torque: 2×837Nm, 2×832 Nm, 2×997 Nm Spring type: 4-Ø 9.7×Ø 3×38, 2-Ø 9.0×Ø 3.1×45, 2-Ø 20.6×Ø 6.4×45

Remarks

1. The Type-Examination performed in Zhejiang Academy of Special Equipment Science according to EN 81-20:2014 & EN 81-50:2014. Relevant test reports are UCMP: TSX20211145, 09/11/2021 and ACOP: TSX20211150, 11/11/2021. All the test reports also complies with the requirements of EN81-20:2020 and EN 81-50:2020.
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 Bai

Issue date: 11/07/2022



 Notified Body 0437
 Verified by Christos Spiliotopoulos
 Inspector of lifts