



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

EU TYPE-EXAMINATION CERTIFICATE FOR SAFETY COMPONENTS
ACCORDING TO EUROPEAN LIFT DIRECTIVE 2014/33/EU ANNEX IV (MODULE B)

Certificate Number:	SCMB.0143
Certificate Expiry Date:	16/05/2028
Applicant/Certificate Holder (Name & Address):	K2Kone 144-1, GASEOK-RO, SEO-GU, INCHEON REPUBLIC OF KOREA Email: info@k2kone.net, sales@k2kone.net
Manufacturer (Name & Address):	Zhejiang MATO Drive Equipment CO., LTD. / No. 2688 Nianfeng West Road, Nanxun Town, Huzhou City, Zhejiang Province, China
Date of Submission:	14/05/2018
Test Laboratory (Name & Address):	Shanghai Jiao Tong University Elevator Test Center / No. B of Advanced Manufacture Building, School of Mechanical Engineering, No. 800 Dongchuan Road Shanghai, P.R. China
Date and Number of test report:	27/12/2017 No.ETC17F380080(1) 23/04/2018 No.ETC18F380090
Approved Type of UCM protection means:	Braking Device as part of the Unintended Car Movement Protection Means
Application:	Acting on the outside surface of the motor rotor
Models:	MEKB(2x710), MEKB(2x850)
Drawing Number (attached to this certificate):	MTA20236F, MTA20236J
Standard(s):	EN81-50:2014
Reference Standard(s)	EN 81-20:2014

EUROCERT SA, aforementioned notified body with identification number 1128, ascertains and certifies that above safety component satisfy the safety requirements of the European Directive 2014/33/EU.

The manufacturer is authorized to provide the safety component described above with the CE Mark as displayed below:

CE 1128

Preconditions:

It is required that the above safety equipment must always come with a declaration of conformity and the relevant instructions of use.

Athens, 17/05/2018

INSPECTOR

Chad Wang

CHAD WANG

FOR EUROCERT SA



Konstantinos Psychogios
Konstantinos Psychogios
Construction Products and Laboratories
Manager



Inspections
Cert No.: 53

89, CHLOIS STR. & LIKOVRISEOS, 144 52 METAMORFOSI, ATHENS, GREECE
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EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

ANNEX A TO CERTIFICATE SCMB.0143

TECHNICAL DESCRIPTION

Product Name/ Product Type / Models	:	<i>Braking Device as part of the Protection Device against Unintended Car Movement/ MEKB(2x710), MEKB(2x850)</i>	
Type of Application	:	<i>Braking Device acting on the outside surface of the motor rotor</i>	
Model	:	<i>MEKB(2x710)</i>	<i>MEKB(2x850)</i>
System mass ranges	:	<i>1350~3600 (Kg)</i>	<i>1350~3600 (Kg)</i>
Rated Load	:	<i>320~1050(Kg)</i>	<i>320~1050(Kg)</i>
Nominal Brake Torque	:	<i>2x710(Nm)</i>	<i>2x850(Nm)</i>
Max. Air Gap:	:	<i>0.40(mm)</i>	<i>0.40(mm)</i>
Max. Response Time:	:	<i>138(ms)</i>	<i>142(ms)</i>
Diameter of break wheel	:	<i>500(mm)</i>	<i>500(mm)</i>
Every Safety Component must be labeled with the following information	:	<i>Manufacturer's Name Safety Components Type</i>	



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ANNEX B TO CERTIFICATE SCMB.0143

TECHNICAL DRAWINGS

MEKB(2x710)

AKM	±S3	±S4	±S5	±S6	±S7	±S8	±S9	±S10	±S11	±S12	±S13	±S14	±S15	±S16	±S17	±S18	±S19	±S20
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Skills requirement
1. Protect the surface during assembly
to avoid scratching

Serial number	product name	product ID number	Qty	Left	Right
1	Loose handle	HTA300B1	1	1	1
2	Cross slotted head screw	HTA300B2	2	2	2
3	Switchgear assembly	HTA300B1	1	1	1
4	Cross slotted head screw	HTA300C1	2	2	2
5	Ballon ball assembly	HTA300A1	4	4	4
6	Armature module	HTA300F1	1	1	1
7	Microwitch module	HTA300B2	1	1	1
8	Nut	BB/1512/LNH	2	2	2
9	Washer	GG/732/10	1	1	1
10	Flat washer	GG/752/10	2	2	2
11	Iron core with coil	HTA300A1	1	1	1
12	Brake spring	HTA300C1	10	10	10

product ID number: HTA30236F	
Remarks: Rkl(m)	
2435	

MTA20236F

B-CHE

144-1, BISENOK-RO, SEN-RIU

INDONESIA, REPUBLIC OF INDONESIA



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TECHNICAL DRAWINGS

MEKB(2x850)

RPM	65-3	3-4	4-31	31-10	10-44	441-104	104-204	204-414	414-614	614-814	814-1014	1014-1214	1214-1414	1414-1614	1614-1814	1814-2014
mm/min	±10	±11	±12	±13	±15	±18	±12	±1	±1	±12	±15	±1	±1	±1	±1	±1

skills requirement:

Protect the surface during assembly to avoid scratching

Serial number	product name	product ID	left	right	qty
1	Holder belt assembly	HTA51A1	1	1	2
2	Assembling module	HTA51A2	1	1	2
3	Need cog screw	GB/T7732	2	2	2
4	Flat washer	GB/T7732	2	2	2
5	Microswitch module	HTA51A3	1	1	2
6	Losses holder	HTA51A4	1	1	2
7	Spring	GB/T7732	1	1	2
8	Flat cushion	GB/T7732	1	1	2
9	Nut	HTA51A5	1	1	2
10	Washer	GB/T7732	1	1	2
11	Iron core with coil	HTA51A6	1	1	2
12	Switchgear assembly	HTA51A7	1	1	2
13	Single head copper pillar	HTA51A8	1	1	2
14	Elastic cylindrical pin	HTA51A9	1	1	2
15	Brake spring	HTA51A10	1	1	2
16	Brake spring	HTA51A11	1	1	2
17	Brake spring	HTA51A12	1	1	2

Product ID number: HTA21231	315	1	2
Remarks			
Serial number	product name	product ID	left
1	Holder belt assembly	HTA51A1	1
2	Assembling module	HTA51A2	1
3	Need cog screw	GB/T7732	2
4	Flat washer	GB/T7732	2
5	Microswitch module	HTA51A3	1
6	Losses holder	HTA51A4	1
7	Spring	GB/T7732	1
8	Flat cushion	GB/T7732	1
9	Nut	HTA51A5	1
10	Washer	GB/T7732	1
11	Iron core with coil	HTA51A6	1
12	Switchgear assembly	HTA51A7	1
13	Single head copper pillar	HTA51A8	1
14	Elastic cylindrical pin	HTA51A9	1
15	Brake spring	HTA51A10	1
16	Brake spring	HTA51A11	1
17	Brake spring	HTA51A12	1

MTA20235J	315	1	2
Remarks			
Serial number	product name	product ID	left
1	Holder belt assembly	HTA51A1	1
2	Assembling module	HTA51A2	1
3	Need cog screw	GB/T7732	2
4	Flat washer	GB/T7732	2
5	Microswitch module	HTA51A3	1
6	Losses holder	HTA51A4	1
7	Spring	GB/T7732	1
8	Flat cushion	GB/T7732	1
9	Nut	HTA51A5	1
10	Washer	GB/T7732	1
11	Iron core with coil	HTA51A6	1
12	Switchgear assembly	HTA51A7	1
13	Single head copper pillar	HTA51A8	1
14	Elastic cylindrical pin	HTA51A9	1
15	Brake spring	HTA51A10	1
16	Brake spring	HTA51A11	1
17	Brake spring	HTA51A12	1



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