



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.0078 rev1
Certificate Expiry Date:	31/05/2027
Applicant/Certificate Holder (Name & Address):	Shanghai STEP Electric CO., LTD./ No. 599, Meiyu Road, Jiading District, Shanghai, P.R. China
Manufacturer (Name & Address):	Shanghai STEP Electric CO., LTD./ No. 1560, Siyi Road, Jiading District, Shanghai, P.R. China
Date of Submission:	10/07/2017
Test Laboratory (Name & Address):	National Elevator Inspection and Testing Center / No. 61, Jinguang Avenue, Langfang City, Hebei, P. R. China
Date and Number of test report:	05/07/2017 No.T14-F380-17-241
Approved Type of UCM protection means:	PCB for bridging the door safety circuit during (re)leveling of the lift and/or advanced door opening, including detection of Unintended Movement of the Car.
Model:	SM-11-A ver7
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, 14/07/2017

INSPECTOR

CHAD WANG



FOR EUROCERT SA

GEORGE N. SIFONIOS
Director of Development

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Inspections
Cert No.: 53

ΔΠ.13.6/E20/16-01-2014

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.0078 rev 1

TECHNICAL DESCRIPTION

Product Type / Model	: PCB for bridging the door safety circuit during (re)leveling of the lift and/or advanced door opening, including detection of Unintended Movement of the Car./ SM-11-A ver7
Type of Application	: Detecting Subsystem
Response time	: $\leq 9ms$
Response time including contactors	: $\leq 59ms$
Speed and distance travelled	: To be calculated
Every Safety Component must be labeled with the following information	: Manufacturer's Name Safety Components Type

Certificate History

Revision No.	Description	Issue Date
0	Original Certificate	01/06/2017
1	Updated hardware version from v5 to v7	14/07/2017





EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

TYPE EXAMINATION CERTIFICATE

Certificate Number:	TEC.0008
Certificate Expiry Date:	25/06/2022
Applicant/Certificate Holder (Name & Address):	Shanghai STEP Electric CO., LTD./ No. 599, Meiyu Road, Jiading District, Shanghai, P.R. China
Manufacturer (Name & Address):	Same as applicant
Date of Submission:	28/03/2017
Test Laboratory (Name & Address):	National Elevator Inspection and Testing Center / No. 61, Jinguang Avenue, Langfang City, Hebei, P. R. China
Date and Number of test report:	30/12/2016 No. WT NET 16-230
Approved Type of UCM protection means:	Unintended Car Movement Self-Monitoring Subsystem
Model:	BFT
Directive & Standard:	2014/33/EU, EN 81-50:2014
Reference Standard:	EN 81-20:2014

This is to certify that, upon the relevant request of the applicant, EUROCERT as Third Party Authority has reviewed the Technical Construction File of the described product which found to fulfill the requirements of 5.8.3.2.5 of EN 81-50:2014 and 5.6.7.3 and 5.6.7.9 of EN 81-20:2014

Athens, 26/06/2017

INSPECTOR

CHAD WANG



FOR EUROCERT SA

Konstantinos Psychogios
Construction Products and Laboratories
Manager

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EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

ANNEX A TO CERTIFICATE TEC.0008

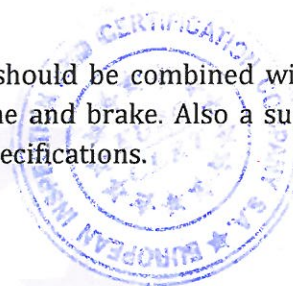
TECHNICAL DESCRIPTION

Product Name/ Product Type / Model : Self monitoring subsystem as part of the Protection Device against Unintended Car Movement/BFT

Type of Application : Self Monitoring Subsystem

Hardware Version : BFT 1.0

In order for the self-monitoring function to work properly is should be combined with an encoder and monitoring switch applied on the elevator machine and brake. Also a suitable Control device and a Drive device according to manufacturer's specifications.





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.0080
Certificate Expiry Date:	19/07/2027
Applicant/Certificate Holder (Name & Address):	Shanghai STEP Electric CO., LTD./ No. 599, Meiyu Road, Jiading District, Shanghai, P.R. China
Manufacturer (Name & Address):	Shanghai STEP Electric CO., LTD./ No. 1560, Siyi Road, Jiading District, Shanghai, P.R. China
Date of Submission:	28/03/2017
Test Laboratory (Name & Address):	National Elevator Inspection and Testing Center / No. 61, Jinguang Avenue, Langfang City, Hebei, P. R. China
Date and Number of test report:	04/07/2017 No. T14-F360-17-042
Approved Type of Product:	Safety component in accordance with Annex III number 6. Electric safety devices in the form of safety circuits containing electronic components.
Model:	SM-12-A ver 7
Standard(s):	EN 81-50:2014
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, 20/07/2017

INSPECTOR

CHAD WANG

FOR EUROCERT SA



Konstantinos Psychogios
Construction Products and Laboratories
Manager

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EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

ANNEX A TO CERTIFICATE SCMB.0080

TECHNICAL DESCRIPTION

- Product Type / Model** : Safety component in accordance with Annex III number 6.
Electric safety devices in the form of safety circuits containing electronic components. / SM-11-A ver7
- Function of safety device** : Control leveling/releveling with doors open and detection of unintended car movement with doors open.
- Working Voltage** : DC 24V
- Working Temperature** : -20°C ~ +70°C
- Every Safety Component must be labeled with the following information** : Manufacturer's Name
Safety Components Type

上海新时达安全回路CE证书电子档



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EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

**CERTIFICATE OF CONFORMITY TO TYPE WITH RANDOM CHECKING
EUROPEAN LIFT DIRECTIVE 2014/33/EU ANNEX IX (MODULE C2)**

Certificate Number:	SCMC2.0070 rev1
Certificate Expiry Date:	13/07/2018
Applicant/Certificate Holder (Name & Address):	Shanghai STEP Electric CO., LTD./ No. 599, Meiyu Road, Jiading District, Shanghai, P.R. China
Manufacturer (Name & Address):	Shanghai STEP Electric CO., LTD./ No. 1560, Siyi Road, Jiading District, Shanghai, P.R. China
Date of Submission:	28/03/2017
Test Laboratory (Name & Address):	National Elevator Inspection and Testing Center / No. 61, Jinguang Avenue, Langfang City, Hebei, P. R. China
Date and Number of Test Report:	05/07/2017 No.T14-F380-17-241
Approved Type of Product:	PCB for bridging the door safety circuit during (re)leveling of the lift and/or advanced door opening, including detection of Unintended Movement of the Car.
Approved Model of Product:	SM-11-A ver7
Directive (s) & Standard(s):	2014/33/EU, EN81-50:2014
Reference Standard(s)	EN 81-20:2014
EU Type Examination Certificate (Module B) No.:	SCMB.0078 rev1

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.

Certificate History

Revision No.	Description	Issue Date
0	Original Certificate	01/06/2017
1	Updated hardware version from v5 to v7	14/07/2017

INSPECTOR

Chad Wang

CHAD WANG

FOR EUROCERT SA

George N. Sifonios
GEORGE N. SIFONIOS
Director of Development

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Inspections
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EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

**CERTIFICATE OF CONFORMITY TO TYPE WITH RANDOM CHECKING
EUROPEAN LIFT DIRECTIVE 2014/33/EU ANNEX IX (MODULE C2)**

Certificate Number:	SCMC2.0072
Certificate Expiry Date:	19/07/2018
Applicant/Certificate Holder (Name & Address):	Shanghai STEP Electric CO., LTD./ No. 599, Meiyu Road, Jiading District, Shanghai, P.R. China
Manufacturer (Name & Address):	Shanghai STEP Electric CO., LTD./ No. 1560, Siyi Road, Jiading District, Shanghai, P.R. China
Date of Submission:	28/03/2017
Test Laboratory (Name & Address):	National Elevator Inspection and Testing Center / No. 61, Jinguang Avenue, Langfang City, Hebei, P. R. China
Date and Number of Test Report:	04/07/2017 No. 14-F360-17-042
Approved Type of Product:	Safety component in accordance with Annex III number 6. Electric safety devices in the form of safety circuits containing electronic components.
Approved Model of Product:	SM-11 A ver7
Directive (s) & Standard(s):	2014/33/EU, EN81-50:2014
Reference Standard(s):	EN 81-20:2014
EU Type Examination Certificate (Module B) No.:	SCMB.0080

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, 20/07/2017

INSPECTOR

Chad Wang

CHAD WANG

FOR EUROCERT SA



Konstantinos Psychogios
Konstantinos Psychogios
Construction Products and Laboratories
Manager

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