



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)

<b>Certificate Number:</b>	SCMB.0056
<b>Certificate Expiry Date:</b>	23.09.2023
<b>Applicant/Certificate Holder (Name &amp; Address):</b>	Ningbo Xinda Elevator Accessories Co., Ltd. /Dongwu Town, Ningbo City, Zhejiang Province, China
<b>Manufacturer (Name &amp; Address):</b>	Same as applicant
<b>Date of Submission:</b>	21.06.2016
<b>Test Laboratory (Name &amp; Address):</b>	SHENZHEN INSTITUTE OF SPECIAL EQUIPMENT INSPECTION AND TEST / No.1032, Honggang Road, Luohu District, Shenzhen, Guangdong, China
<b>Date and Number of test report:</b>	01.07.2016 / 2016AF0698
<b>Approved Type of ascending car overspeed protection means:</b>	Braking Device as part of the Lift Ascending Overspeed protection Means
<b>Application of ascending car overspeed protection means:</b>	Acting on the traction shaft, as part of the protection device against overspeed of the car moving in upwards direction
<b>Model of ascending car overspeed protection means:</b>	DZS
<b>Drawing Number (attached to this certificate):</b>	Z40100000
<b>Standard(s):</b>	2014/33/EU, EN 81.1/2:1998+A3:2009

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.

INSPECTOR

Chad Wang

Athens, 24/10/2016



FOR EUROCERT SA

GEORGE NIKOLOPOULOS  
Technical Director

This certificate replaces the previously issued with certificate no. CN.CE.1242.01-09/13 dated 24-09-2013  
Please check the validity of the certificate from our website using the password **e6Q99M8s**



Inspections  
Cert No.: 53

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## ANNEX A TO CERTIFICATE

SCMB.0056

### TECHNICAL DESCRIPTION

<b>Product Name/ Product Type / Model</b>	: BRAKING ELEMENT AS PART OF THE ASCENDING CAR OVERSPEED PROTECTION MEANS / DZS
<b>Type of Application</b>	: Braking Device acting on the traction shaft directly
<b>Permissible system total mass (empty car mass + counterweight e.t.c.)</b>	: 1240- 12400(Kg)
<b>Permissible car mass</b>	: 520- 5200 (Kg)
<b>Permissible rated load with suspension ratio of 2:1</b>	: 400- 4000 (Kg)
<b>Range of balance coefficient</b>	: 0.40 – 0.50
<b>Tripping speed range of overspeed governor</b>	: 0.46 – 3.83 (m/sec)
<b>Rated speed range of elevator</b>	: 0.4 – 3.0(m/sec)
<b>Every Safety Component must be labeled with the following information</b>	: Manufacturer's Name Safety Components Type
<b>Conditions</b>	: -

1) Since the brake device represents only a part of the protection device against overspeed for the car moving in upwards direction an overspeed governor as per EN 81-1, paragraph 9.9 must be used to monitor the upward speed as well as the downwards speed and the brake device must be triggered (engaged) via the overspeed governor's electric safety device.

2) The mechanical movement of each brake circuit is to be monitored separately and directly. If a brake circuit fails to engage (close) while the lift machine is at standstill, next movement of the lift must be prevented.

3) In cases where the lift machine moves despite the brake being engaged (closed), the lift machine must at the latest be stopped and the next movement of the lift must be prevented.



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