



Ref. Certif. No.

**SE-68984**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST  
CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D'ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**Product  
Produit

Moulded case circuit-breakers

Name and address of the applicant  
Nom et adresse du demandeurLSIS Co., Ltd.  
Beakbong-ro 95, Heung deok-gu, Cheongju-si,  
Chungcheongbuk-do, KOREAName and address of the manufacturer  
Nom et adresse du fabricantShanghai Yongji Electrical Co., Ltd.  
No. 2239 South Jinshi Road, Jinshan District, Shanghai,  
CHINAName and address of the factory  
Nom et adresse de l'usine  
Note: When more than one factory, please report on page 2  
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2<sup>ème</sup> page

Same as manufacturer

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales $U_e = 230V \sim (1\text{-pole}), 400V \sim (2\text{-}, 3\text{-}, 4\text{-poles})$   
 $I_n = 63, 80, 100, 125A$   
 $I_{cu} = 10000A, I_{cs} = 7500A$ Trademark (if any)  
Marque de fabrique (si elle existe)Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais  
constructeur

-

Model / Type Ref.  
Ref. De type

BKH

Additional information (if necessary may also be  
reported on page 2)  
Les informations complémentaires (si nécessaire,  
peuvent être indiqués sur la 2<sup>ème</sup> page)

-

A sample of the product was tested and found  
to be in conformity with  
Un échantillon de ce produit a été essayé et a été  
considéré conforme à la

IEC 60947-2:2006 and A1

As shown in the Test Report Ref. No. which forms part  
of this Certificate  
Comme indiqué dans le Rapport d'essais numéro de  
référence qui constitue partie de ce CertificatSH12040306-001, SH12040306-002, SH12040306-003,  
SH12040306-004This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**Intertek Semko AB  
Box 1103  
SE-164 22 Kista, Sweden  
Int +46 8 750 00 00**Intertek**

Date: 11 May 2012


Signature:

  
Bo Berglöv

## Test Verification of Conformity

On the basis of the referenced test report(s), the sample(s) of the below product has been found to comply with the relevant harmonized standard(s) to the directive(s) listed on this verification at the time the tests were carried out.

The manufacturer may indicate compliance to only the said directives by signing a DoC himself and may affix the CE marking to products identical to the tested sample(s) if the product complies with all CE marking directives that has the product in their scope. In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable directive(s) and shall consider changes of the standards as they may occur. Additional requirements, additional directives and local laws may be applicable.

<b>Applicant Name &amp; Address</b>	: LSIS Co., Ltd. Beakbong-ro 95, Heung deok-gu, Cheongju-si, Chungcheongbuk-do, Korea
<b>Manufacturer Name &amp; Address</b>	Shanghai Yongji Electrical Co., Ltd No.2239 Jianshi South RD., Jinshan District, Shanghai
<b>Product(s) Tested</b>	: Moulded Case Circuit-breakers
<b>Ratings and principal characteristics</b>	: Ue= 230V~(1-pole), 400V~(2-, 3-, 4-poles) In= 63, 80, 100, 125A Icu= 10000A, Ics= 7500A
<b>Model(s)</b>	: BKH
<b>Brand name</b>	: 
<b>Relevant Standard(s) / Specification(s) / Directive(s)</b>	: EN 60 947-2:2006 (4th Edition) +A1:2009 the Low Voltage Directive 2006/95/EC
<b>Verification Issuing Office Name &amp; Address</b>	: Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
<b>Verification Number</b>	: SH12040306-V1
<b>Report Number(s)</b>	SH12040306-001,002,003,004

**NOTE 1:** This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.



Oliver Wei  
Manager  
May 22, 2012

Intertek Testing Services Ltd, Shanghai, ETL SEMKO  
Building No. 86  
1198 Qinzhou Road (North)  
Caohejing Development Zone  
Shanghai 200233  
CHINA

Handled by  
Susanna Ringnér  
Direct telephone  
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Reference  
1213978  
E-mail  
susanna.ringner@intertek.com  
Your Reference  
Joyce Xu

11 May 2012

**Intertek S Mark Certificate with No. 1213978**

We are pleased to enclose the Intertek S Mark Certificate you have applied for.

**Thank You for S Marking your Products!**

You have taken the first step to S Mark, but have you taken the next step by letting your customers know about your investment? When you use the S Mark in your marketing you are making clear that your company is truly committed to quality and safety. Positioning and differentiate yourself as a company which is dedicated to safety enables you to increase your sales – because in Europe safety sells.

The S Mark is highly recognized among retailers and authorities since 1926.

The S Mark also strengthens your brand by signaling that safety is important to your company and that you care about the safety of your clients. Since we value you as a customer we want to make sure you are getting the best value out of the S Mark. Many of our customers are already using the S Mark in their marketing. Popular media to use the mark is in campaigns, on packaging and in product catalogues. To find out more and to download tools, please visit [www.sweden.intertek-etlsemko.com/smark](http://www.sweden.intertek-etlsemko.com/smark).



If you have any questions don't hesitate to contact us at [info-sweden@intertek.com](mailto:info-sweden@intertek.com)

**Additional part of the certification**

In addition to your product certification, we are conducting inspections at your manufacturing site/s. The inspections are carried out by our inspectors or subcontractors. For details of the technical requirements for these inspections, please contact [inspection.etlsemko@intertek.com](mailto:inspection.etlsemko@intertek.com).

Your success is important to us!

Best Regards,

Göran Lilja  
Executive Vice President  
Intertek Semko AB

Pär Zetterberg  
Executive Vice President  
Intertek Semko AB

# Certificate



Intertek

for European Product Safety

Reference No. 1213978

## Moulded case circuit-breakers

Type designation BKH

Certificate holder  
LSIS Co., Ltd.  
Beakbong-ro 95, Heung deok-gu,  
Cheongju-si, Chungcheongbuk-do,  
KOREA

The product complies with  
the standard(s) EN 60947-2:2006 and A1

Date of expiry 11 May 2017


EU Directive information  
The product satisfies the provisions for CE marking according to the Low  
Voltage Directive 2006/95/EC.

Additional information in Appendix.

Certification Body Intertek Semko AB, Product Certification

Place Kista - Stockholm

Signed

  
Bo Berglöf

Date 11 May 2012  
Page 1 of 3


This certificate is issued in accordance with the terms and conditions set out in the Appendix.





# Intertek Appendix

Reference No. 1213978

## Technical data

Type designation/	BKH
Trade mark /	
Rated Voltage (V) /	230V
Rated Current (A) /	63, 80, 100, 125A
Frequency (Hz) /	50/60Hz
IP-class /	20
Poles No. /	1
Product information /	$I_{cs}= 7500A, I_{cu}= 10000A$


Type designation/	BKH
Trade mark /	
Rated Voltage (V) /	400V
Rated Current (A) /	63, 80, 100, 125A
Frequency (Hz) /	50/60Hz
IP-class /	20
Poles No. /	2
Product information /	$I_{cs}= 7500A, I_{cu}= 10000A$

Type designation/	BKH
Trade mark /	
Rated Voltage (V) /	400V
Rated Current (A) /	63, 80, 100, 125A
Frequency (Hz) /	50/60Hz
IP-class /	20
Poles No. /	3
Product information /	$I_{cs}= 7500A, I_{cu}= 10000A$

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

**Intertek  
Appendix**

Reference No. 1213978

Type designation/	BKH
Trade mark /	
Rated Voltage (V) /	400V
Rated Current (A) /	63, 80, 100, 125A
Frequency (Hz) /	50/60Hz
IP-class /	20
Poles No. /	4
Product information /	$I_{cs} = 7500A$ , $I_{cu} = 10000A$

Manufacturing site(s)	Shanghai Yongji Electrical Co., Ltd. No. 2239 South Jinshi Road, Jinshan District, Shanghai, CHINA
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This certificate, which includes production control, is considered to constitute sufficient support for an EC Declaration of Conformity and CE marking of the product according to the Low Voltage Directive 73/23/EEC and 93/68/EEC.

Certification Body	Intertek Semko AB, Product Certification	Place	Kista - Stockholm
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Signed

  
Bó Berglöff

Date 11 May 2012

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