


IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

## CB TEST CERTIFICATE

Product	AC-DC Converter
Name and address of the applicant	Cosel Co., Ltd. 1-6-43 Kamiakae-machi, Toyama-shi, Toyama 930-0816, Japan
Name and address of the manufacturer	Cosel Co., Ltd. 1-6-43 Kamiakae-machi, Toyama-shi, Toyama 930-0816, Japan
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	Cosel Co., Ltd. 1-6-43 Kamiakae-machi Toyama-shi, Toyama 930-0816, Japan <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Ratings and principal characteristics	AC 100-240 V, 50-60 Hz 0.13 A DC 120-370 V, 0.06 A
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	TUHS5F05, TUHS5F12, TUHS5F15, TUHS5F24 See Page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 60950-1:2006 / A11:2009 / A1:2010 / A12:2011 / A2:2013; National Differences specified in the CB Test Report. <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
A sample of the product was tested and found to be in conformity with	IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2
As shown in the Test Report Ref. No. which forms part of this Certificate	4788126513 issued on 2017-11-13

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)Date: 2017-11-14  
Original Issue Date: 2017-03-06

Signature:

Jolanta M. Wroblewska



Model Details:

TUHS5F05, TUHS5F12, TUHS5F15, TUHS5F24

May be provided with suffix -#####. Where # is any number 0 to 9 or letter A to Z or blank.

Factories:

Cosel Co., Ltd.

Tateyama Factory 78 Dogenji, Tateyama-machi Nakaniikawa-gun, Toyama 930-0241, Japan

Eikoku Co., Ltd.

45-6 Nishida Kaneoke, Kokufu-cho Takayama-shi, Gifu 509-4123, Japan

Eikoku Co., Ltd.

Toyama Satellite Factory 223 Nakajinzu Yatsuo-Machi, Toyama-shi, Toyama 939-2311, Japan

Daiyon Corp.

1-18 Zoushima, Fuchu-machi, Toyama-shi, Toyama 939-2726, Japan

Kyousei Corp.

501-1-2 Nakaoakubo Toyama-shi, Toyama 939-2243, Japan

Takanami Co., Ltd.

2000-39 Hirokami Imizu-shi, Toyama 939-0256, Japan

Sunrise Industries Co., Ltd.

2-24-6 Terajima, Itoigawa-shi, Niigata 941-0066, Japan

Wuxi Cosel Electronics Co., Ltd.

5TH FL, BLD A3, No. 866 Liyuan Development Zone Wuxi Jiangsu 214072 P.R. China

Additional Information:

The original report was modified to include the following changes/additions:  
Modify models designation and critical components table information, see test report.

**Additional information (if necessary)**



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2017-11-14

Original Issue Date: 2017-03-06

Signature:

Jolanta M. Wroblewska

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

## CB TEST CERTIFICATE

Product	AC-DC Converter
Name and address of the applicant	COSEL CO LTD 1-6-43 KAMIAKAE-MACHI TOYAMA-SHI, 930-0816 TOYAMA Japan
Name and address of the manufacturer	COSEL CO LTD 1-6-43 KAMIAKAE-MACHI TOYAMA-SHI, 930-0816 TOYAMA Japan
Name and address of the factory	Cosel Co., Ltd. 1-6-43 Kamiakae-machi Toyama-shi, Toyama 930-0816, Japan <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	AC 100-240 V, 50-60 Hz 0.13 A DC 120-370 V, 0.06 A
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	TUHS5Fx See Page 2
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2
As shown in the Test Report Ref. No. which forms part of this Certificate	4787799747 issued on 2017-04-19

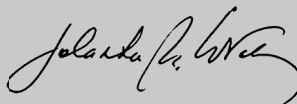
This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)Date: 2017-04-20  
Original Issue Date: 2017-03-06

Signature:



Jolanta M. Wroblewska



Ref. Certif. No.

**US-29418-A1-UL**

**Model Details:**

TUHS5Fx (x = 05, 12, 15 or 24)

May be followed by suffix -"#####".

# is any number 0 to 9 or A to Z or blank.

**Factories:**

Cosel Co., Ltd.

Tateyama Factory 78 Dogenji, Tateyama-machi Nakaniikawa-gun, Toyama 930-0241, Japan

Eikoku Co., Ltd.

45-6 Nishida Kaneoke, Kokufu-cho Takayama-shi, Gifu 509-4123, Japan

Eikoku Co., Ltd.

Toyama Satellite Factory 223 Nakajinzu, Yatsuo-Machi Toyama-shi, Toyama 939-2311, Japan

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1-18 Zoushima, Fuchu-machi, Toyama-shi, Toyama 939-2726, Japan

Kyousei Corp.

501-1-2 Nakaookubo Toyama-shi, Toyama 939-2243, Japan

Takanami Co., Ltd.

2000-39 Hirokami Imizu-shi, Toyama 939-0256, Japan

Sunrise Industries Co., Ltd.

2-24-6 Terajima, Itoigawa-shi, Niigata 941-0066, Japan

Wuxi Cosel Electronics Co., Ltd.

5TH FL, BLD A3, No.866 Liyuan Development Zone Wuxi Jiangsu 214072 P.R. China

**Additional Information:**

The original report was modified to include the following changes/additions:

Addition of alternate PWB, addition of two new factory location and correction of typographical error.

Additionally evaluated to EN 60950-1:2006/ A11:2009/ A1:2010/ A12:2011/ A2:2013.

National Differences specified in the CB Test Report.

**Additional information (if necessary)**



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

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Date: 2017-04-20

Original Issue Date: 2017-03-06

Signature:

Jolanta M. Wroblewska

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST  
CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D'ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC

**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**

Product  
Produit

AC-DC Converter

Name and address of the applicant  
Nom et adresse du demandeur

COSEL CO LTD  
1-6-43 KAMIAKAE-MACHI  
TOYAMA-SHI, 930-0816 TOYAMA Japan

Name and address of the manufacturer  
Nom et adresse du fabricant

COSEL CO LTD  
1-6-43 KAMIAKAE-MACHI  
TOYAMA-SHI, 930-0816 TOYAMA Japan

Name and address of the factory  
Nom et adresse de l'usine

Cosel Co., Ltd.  
1-6-43 Kamiakae-machi Toyama-shi, Toyama 930-0816  
Japan

Note: When more than one factory, please report on page 2  
Note: Lorsque il y a plus d'une usine, veuillez utiliser la 2<sup>ème</sup> page

Additional Information on page 2

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

AC 100-240 V, 50-60 Hz 0.13 A  
DC 120-370 V, 0.06 A

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

TUHS5Fx  
See Page 2

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

Additionally evaluated to EN 60950-1:2006/ A11:2009/ A1:2010/  
A12:2011/A2:2013; National Differences specified in the CB Test  
Report.

Additional Information on page 2

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 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-  
1(ed.2);am2

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 Certificat

4787700104 issued on 2017-03-06

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA  
UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK  
UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN  
UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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Date: 2017-03-06

Signature:

Jolanta M. Wroblewska

## Model Details:

TUHS5Fx

x= is 05, 12, 15 or 24

May be followed by suffix –“#####”.

"#" is any number 0 to 9 or letter A to Z or blank.

## Factories:

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Toyama Satellite Factory 223 Nakajinzu, Yatsuo-Machi Toyama-shi Toyama 939-2311  
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501-1-2 Nakaookubo Toyama-shi, Toyama 939-2243  
Japan

Takanami Co., Ltd.

2000-39 irokamilmizu-shi, Toyama 939-0256  
Japan**Additional information (if necessary)****Information complémentaire (si nécessaire)**

UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA



UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK



UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN



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