



Ref. Certif. No.

JPTUV-059309

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

DC-DC Converter

Name and address of the applicant  
Nom et adresse du demandeur

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

Name and address of the manufacturer  
Nom et adresse du fabricant

Cosel Co., Ltd. Tateyama Factory  
78 Dogenji, Tateyama-machi  
Nakanikawa-gun, Toyama, 930-0241 JAPAN

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

See additional page(s)

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

Input : DC 36-76V, DC 18-36V  
(For details, refer to the test report.)  
Output: refer to the test report

Trademark (if any)  
Marque de fabrique (si elle existe)

COSEL

Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais constructeur

N/A

Model / Type Ref.  
Ref. de type

CBS50 Series: CBS5048xx, CBS5024xx  
CBS100 Series: CBS10048xx, CBS10024xx  
(xx = 03, 05, 12, 15, 24, 28, 1R8, 2R5)  
May be followed by the suffix -#### (# = 0-9, A-Z or blank)  
For model differences, refer to the test report.

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 60950-1:2005+A1+A2  
National differences see test report

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

50017628 001

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



TÜV Rheinland Japan Ltd.  
Global Technology Assessment Center  
4-25-2 Kita-Yamata, Tsuzuki-ku  
Yokohama 224-0021 Japan  
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Fax + 81 45 914-3354  
Mail: info@jpn.tuv.com  
Web: www.tuv.com

Date: 15.10.2014

Signature:

Dipl.-Ing. (FH) M. Geiser

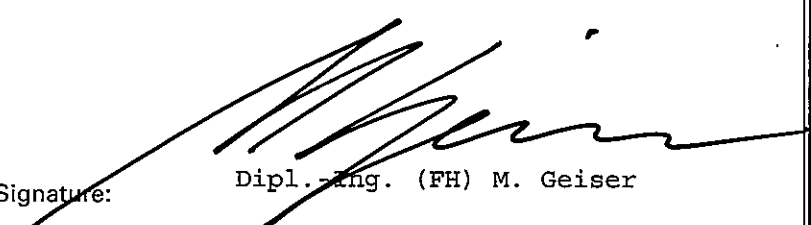
1. Cosel Co., Ltd.  
Tateyama Factory  
78 Dogenji, Tateyama-machi  
Nakaniiikawa-gun, Toyama  
930-0241 JAPAN
2. Taiyo Denshi Kogyo Co., Ltd.  
6-215-1 Tsukioka-machi  
Toyama-shi, Toyama  
939-8132 JAPAN
3. Eikoku Co., Ltd.  
1587 Nabari, Kokufu-cho  
Takayama-shi, Gifu  
509-4122 JAPAN
4. Kyousei Corp.  
501-1-2 Nakaoakubo  
Toyama-shi, Toyama  
939-2243 JAPAN
5. Cosel Co., Ltd.  
Toyama Factory  
1-6-43 Kamiakae-machi  
Toyama-shi, Toyama  
930-0816 JAPAN
6. Daiyon Corp.  
1-18 Zoushima, Fuchu-machi,  
Toyama-shi, Toyama  
939-2726 JAPAN
7. Takanami Co., Ltd.  
2000-39 Hirokami  
Imizu-shi, Toyama  
939-0256 JAPAN

**Additional information (if necessary)**  
**Information complémentaire (si nécessaire)**

Report Ref. No.: 50017628 001

Date: 15.10.2014

Signature:

  
Dipl.-Ing. (FH) M. Geiser