



Ref. Certif. No.

JPTUV-059309

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

DC-DC Converter

Name and address of the applicant
Nom et adresse du demandeurCosel Co., Ltd. Toyama Factory
1-6-43 Kamiakae-machi
Toyama-shi, Toyama, 930-0816 JAPANName and address of the manufacturer
Nom et adresse du fabricantCosel Co., Ltd. Tateyama Factory
78 Dogenji, Tateyama-machi
Nakanikawa-gun, Toyama, 930-0241 JAPANName and address of the factory
Nom et adresse de l'usine

See additional page(s)

Ratings and principal characteristics
Valeurs nominales et caractéristiques principalesInput : DC 36-76V, DC 18-36V
(For details, refer to the test report.)
Output: refer to the test reportTrademark (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 typeCBS50 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^{ème} 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 laIEC 60950-1:2005+A1+A2
National differences see test reportAs 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 CertificationTÜV Rheinland Japan Ltd.
Global Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021 Japan
Phone + 81 45 914-3888
Fax + 81 45 914-3354
Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 15.10.2014

Signature:  Dipl.-Ing. (FH) M. Geiser

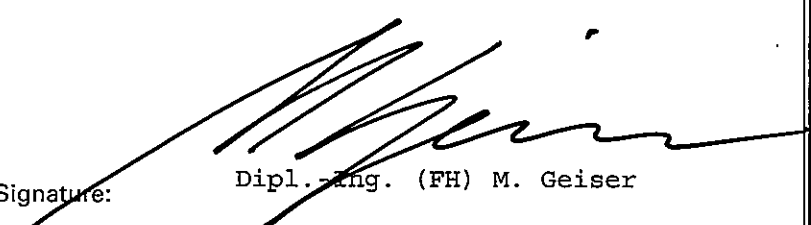
1. Cosel Co., Ltd.
Tateyama Factory
78 Dogenji, Tateyama-machi
Nakaniiikawa-gun, Toyama
930-0241 JAPAN
2. Taiyo Denshi Kogyo Co., Ltd.
6-215-1 Tsukioka-machi
Toyama-shi, Toyama
939-8132 JAPAN
3. Eikoku Co., Ltd.
1587 Nabari, Kokufu-cho
Takayama-shi, Gifu
509-4122 JAPAN
4. Kyousei Corp.
501-1-2 Nakaookubo
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