



Ref. Certif. No.

JPTUV-057073-A2/M3

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

CB TEST CERTIFICATE

Product

Power Supply

Name and address of the applicant

Cosel Co., Ltd. Tateyama Factory
78 Dogenji, Tateyama-machi
Nakaniiikawa-gun, Toyama, 930-0241 Japan

Name and address of the manufacturer

Cosel Co., Ltd. Tateyama Factory
78 Dogenji, Tateyama-machi
Nakaniiikawa-gun, Toyama, 930-0241 Japan

Name and address of the factory

See additional page(s)

Ratings and principal characteristics

Input: AC 100-240V; 50-60Hz; Class I
for PMA100F-3R3: 0.9A
for all other models: 1.3A
Output: refer to the test report

Trademark (if any)

COSEL

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

PMA100F-x-y
x = 3R3, 5, 12, 24 or 48
y = T, T1, J1, N, R or blank (y is an optional suffix)

Additional information (if necessary may also be reported on page 2)

For model differences, refer to the test report.
Re-issue of JPTUV-057073-A2/M2 dated 07.05.2020,
due to technical change.

A sample of the product was tested and found to be in conformity with

IEC 60601-1:1988+A1+A2

As shown in the Test Report Ref. No. which forms part of this Certificate

50007546 006

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

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Mail: info@jpn.tuv.com
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Tatsuhiko Nakada

Date: 2023-04-25

Signature:


1. Cosel Co., Ltd.
Toyama Factory
1-6-43 Kamiakae-machi
Toyama-shi, Toyama
930-0816 Japan
2. Cosel Co., Ltd.
Tateyama Factory
78 Dogenji, Tateyama-machi
Nakaniikawa-gun, Toyama
930-0241 Japan
3. Eikoku Co., Ltd.
45-6 Nishida Kaneoke, Kokufu-cho
Takayama-shi, Gifu
509-4123 Japan
4. Eikoku Co., Ltd.
Toyama Satellite Factory
223 Nakajinzu Yatsuo-Machi
Toyama-shi, Toyama
939-2311 Japan
5. Daiyon Corp.
1-18 Zoushima, Fuchu-machi,
Toyama-shi, Toyama
939-2726 Japan
6. Kyousei Corp.
501-1-2 Nakaookubo
Toyama-shi, Toyama
939-2243 Japan
7. Takanami Co., Ltd.
2000-39 Hirokami
Imizu-shi, Toyama
939-0256 Japan

Additional information (if necessary)

Report Ref. No. : 50007546 006

Date: 2023-04-25

Signature:


Tatsuhiko Nakada


8. Sunrise Industries Co., Ltd.
2-24-6 Terajima
Itoigawa-shi, Niigata
941-0066 Japan

Additional information (if necessary)

Report Ref. No. : 50007546 006

Date: 2023-04-25

Signature:



Tatsuhiko Nakada

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

CB TEST CERTIFICATE

Product

Power Supply

Name and address of the applicant

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78 Dogenji, Tateyama-machi
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Name and address of the manufacturer

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

Name and address of the factory

See additional page(s)

Ratings and principal characteristics

Input: AC 100-240V; 50-60Hz; Class I
for PMA100F-3R3: 0.9A
for all other models: 1.3A
Output: refer to the test report

Trademark (if any)

COSEL

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

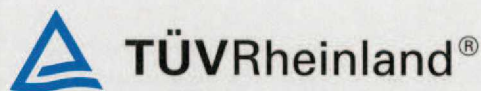
PMA100F-x-y
x = 3R3, 5, 12, 24 or 48
y = T, T1, J1, N, R or blank (y is an optional suffix)Additional information (if necessary may
also be reported on page 2)For model differences, refer to the test report.
Re-issue of JPTUV-057073-A1/M2 dated 27.12.2019,
due to non-technical change.A sample of the product was tested and
found to be in conformity with

IEC 60601-1:1988+A1+A2

As shown in the Test Report Ref. No. which
forms part of this Certificate

50007546 005

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Date: 07.05.2020

Signature:

Mitsuhiro Oshiki

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1-6-43 Kamiakae-machi
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930-0816 Japan
2. Cosel Co., Ltd.
Tateyama Factory
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930-0241 Japan
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Takayama-shi, Gifu
509-4123 Japan
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Toyama-shi, Toyama
939-2311 Japan
5. Daiyon Corp.
1-18 Zoushima, Fuchu-machi,
Toyama-shi, Toyama
939-2726 Japan
6. Kyousei Corp.
501-1-2 Nakaoakubo
Toyama-shi, Toyama
939-2243 Japan
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2000-39 Hirokami
Imizu-shi, Toyama
939-0256 Japan
8. Sunrise Industries Co., Ltd.
2-24-6 Terajima
Itoigawa-shi, Niigata
941-0066 Japan

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

Report Ref. No.: 50007546 005



Date: 07.05.2020

Signature:

Mitsuhiro Oshiki



Ref. Certif. No.

JPTUV-057073-A1/M2

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

CB TEST CERTIFICATE

Product

Power Supply

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

See additional page(s)

Ratings and principal characteristics

Input: AC 100-240V; 50-60Hz.; Class I
for PMA100F-3R3: 0.9A
for all other models: 1.3A
Output: refer to the test report
COSEL

Trademark (if any)

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

PMA100F-x-y
x = 3R3, 5, 12, 24 or 48
y = T, T1, J1, N, R or blank (y is an optional suffix)

Additional information (if necessary may also be reported on page 2)

For model differences, refer to the test report.
Re-issue of JPTUV-057073-A1/M1 dated 27.10.2016,
due to second modification.

A sample of the product was tested and found to be in conformity with

IEC 60601-1:1988+A1+A2

As shown in the Test Report Ref. No. which forms part of this Certificate

50007546 004

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Web: www.tuv.com

Signature:

Mitsuhiro Oshiki

Date: 27.12.2019

1. Cosel Co., Ltd.
Tateyama Factory
78 Dogenji, Tateyama-machi
Nakaniikawa-gun, Toyama
930-0241 Japan
2. Kyousei Corp.
501-1-2 Nakaoakubo
Toyama-shi, Toyama
939-2243 Japan
3. Cosel Co., Ltd.
Toyama Factory
1-6-43 Kamiakae-machi
Toyama-shi, Toyama
930-0816 Japan
4. Daiyon Corp.
1-18 Zoushima, Fuchu-machi,
Toyama-shi, Toyama
939-2726 Japan
5. Sunrise Industries Co., Ltd.
2-24-6 Terajima
Itoigawa-shi, Niigata
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939-0256 Japan
7. Eikoku Co., Ltd.
Toyama Satellite Factory
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Toyama-shi, Toyama
939-2311 Japan
8. Eikoku Co., Ltd.
45-6 Nishida Kaneoke, Kokufu-cho
Takayama-shi, Gifu
509-4123 Japan

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

Report Ref. No.: 50007546 004

Date: 27.12.2019

Signature:

Mitsuhiro Oshiki



Ref. Certif. No.

JPTUV-057073-A1/M1

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

Name and address of the applicant
Nom et adresse du demandeur

Name and address of the manufacturer
Nom et adresse du fabricant

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

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

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

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 la

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

Power Supply

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

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

See additional page(s)

Input: AC 100-240V; 50-60Hz; Class 1
for PMA100F-3R3: 0.9A
for all other models: 1.3A
Output: refer to the test report
COSEL

N/A

PMA100F-x-y
x = 3R3, 5, 12, 24 or 48
y = T, T1, J1, N, R or blank (y is an optional suffix)

For model differences, refer to the test report.
Re-issue of JPTUV-035703-A1 dated 03.09.2014,
due to first modification

IEC 60601-1:1988+A1+A2

50007546 003

This CB Test Certificate is issued by the National Certification Body
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Web: www.tuv.com

Signature:

Tatsuhiko Nakada

Date: 27.10.2016

1. Cosel Co., Ltd.
Tateyama Factory
78 Dogenji, Tateyama-machi
Nakaniikawa-gun, Toyama
930-0241 Japan
2. Taiyo Denshi Kogyo Co., Ltd.
6-215-1 Tsukioka-machi
Toyama-shi, Toyama
939-8132 Japan
3. Kyousei Corp.
501-1-2 Nakaoakubo
Toyama-shi, Toyama
939-2243 Japan
4. Cosel Co., Ltd.
Toyama Factory
1-6-43 Kamiakae-machi
Toyama-shi, Toyama
930-0816 Japan
5. Daiyon Corp.
1-18 Zoushima, Fuchu-machi,
Toyama-shi, Toyama
939-2726 Japan
6. Sunrise Industries Co., Ltd.
2-24-6 Terajima
Itoigawa-shi, Niigata
941-0066 Japan
7. Takanami Co., Ltd.
2000-39 Hirokami
Imizu-shi, Toyama
939-0256 Japan
8. Eikoku Co., Ltd.
Toyama Satellite Factory
223 Nakajinzu Yatsuo-Machi
Toyama-shi, Toyama
939-2311 Japan
9. Eikoku Co., Ltd.
45-6 Nishida Kaneoke, Kokufu-cho
Takayama-shi, Gifu
509-4123 Japan

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

Report Ref. No.: 50007546 003



27.10.2016
Date:

Signature: Tatsuhiko Nakada

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

Power Supply

Name and address of the applicant
Nom et adresse du demandeur

Cosel Co., Ltd. Tateyama Factory
78 Dogenji, Tateyama-machi
Nakanikawa-gun, Toyama, 930-0241 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: AC 100-240V; 50-60Hz.; Class I
for PMA100F-3R3: 0.9A
for all other models: 1.3A
Output: refer to the test report
COSEL

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

N/A

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

Model / Type Ref.
Ref. de type

PMA100F-x-y
x = 3R3, 5, 12, 24 or 48
y = T, T1, J1, N, R or blank (y is an optional suffix)

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)

For model differences, refer to the test report.
Re-issue of JPTUV-035703 dated 20.06.2014,
due to non-technical change

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 60601-1:1988+A1+A2

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

50007546 002

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Date: 03.09.2014

Signature:

Carol Chiu

1. Cosel Co., Ltd.
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78 Dogenji, Tateyama-machi
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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
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6. Daiyon Corp.
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941-0066 JAPAN
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Imizu-shi, Toyama
939-0256 JAPAN
9. Eikoku Co., Ltd.
Toyama Satellite Factory
223 Nakajinzu Yatsuo-Machi
Toyama-shi, Toyama
939-2311 JAPAN

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

Report Ref. No.: 50007546 002



Date: 03.09.2014

Signature:

Carol Chiu



Ref. Certif. No.

JPTUV-057073

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

Power Supply

Name and address of the applicant
Nom et adresse du demandeur

Cosel Co., Ltd. Tateyama Factory
78 Dogenji, Tateyama-machi
Nakanikawa-gun, Toyama, 930-0241 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: AC 100-240V; 50-60Hz; Class I
for PMA100F-3R3: 0.9A
for all other models: 1.3A
Output: refer to the test report
COSEL

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

N/A

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

Model / Type Ref.
Ref. de type

PMA100F-x-y
x = 3R3, 5, 12, 24 or 48
y = T, T1, J1, N, R or blank (y is an optional suffix)

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Web: www.tuv.com

Date: 20.06.2014

Signature:

Dipl.-Ing. (FH) M. Geiser

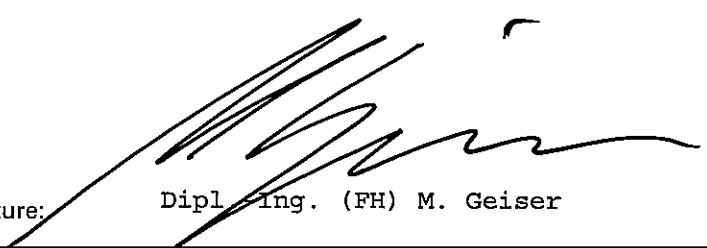
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939-0256 JAPAN
9. Eikoku Co., Ltd.
Toyama Satellite Factory
223 Nakajinzu Yatsuo-Machi
Toyama-shi, Toyama
939-2311 JAPAN

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

Report Ref. No.: 50007546 001

Date: 20.06.2014

Signature:


Dipl.-Ing. (FH) M. Geiser