



Ref. Certif. No.

JP-22022-M1-UL

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
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

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

Additional Information on page 2

Ratings and principal characteristics

100 - 277 Vac, 50-60 Hz, 12 A (TUNS1200F12)
100 - 277 Vac, 50-60 Hz, 14 A (TUNS1200F28)
100 - 277 Vac, 50-60 Hz, 14 A (TUNS1200F48)

Trademark / Brand (if any)



Type of Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

TUNS1200F12, TUNS1200F28 and TUNS1200F48
(May be provided with suffix "-xy". Where "x" may be any combination of "N1", "Rn", "T", "Y1", "In" (n = any number 0 to 9) or blank. In the combination of two or more. Where "y" is any number 0 to 9 or any letter A to Z (except for "N", "R", "T", "Y", "I") or "-" or blank, in the combination of two or more.)

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

(Technical Modification)
 Additional Information on page 2

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

IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009,
IEC 60950-1:2005/AMD2:2013

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

E132067-A6050-CB-1 issued on 2020-09-15

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

Date: 2020-09-16
Original Issue Date: 2020-08-13

Signature: *M. Takagi*
Masamichi Takagi



Ref. Certif. No.

JP-22022-M1-UL

Factories:

KITANIHON-DENSHI CORPORATION
53-1 TO, YAMADA-MACHI KAGA-SHI ISHIKAWA 922-0431
JAPAN

EIKOKU CO LTD TOYAMA SATELLITE FACTORY
223 NAKAJINZU YATSUO-MACHI TOYAMA-SHI TOYAMA 939-2311
JAPAN

SUNRISE INDUSTRIES CO LTD
2-24-6 TERAJIMA ITOIGAWA-SHI NIIGATA 941-0066
JAPAN

Additional Information:

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

- Change of suffix for "Model/Type reference", from "May be provided with suffix "-x". Where "x" may be any combination of "N1", "R2", "T", "Y1", "In" (n = any number 0 to 9) or blank. In the combination of two or more." to "May be provided with suffix "-xy". Where "x" may be any combination of "N1", "Rn", "T", "Y1", "In" (n = any number 0 to 9) or blank. In the combination of two or more. Where "y" is any number 0 to 9 or any letter A to Z (except for "N", "R", "T", "Y", "I") or "-" or blank, in the combination of two or more."
- Change of <Suffix > of "Model Difference", from "Suffix "R2" denotes reverses the logic of remote control function." to "Suffix "Rn" denotes changes the specifications of the remote control function."
- Correction of typo "Technical Considerations", from "Maximum base plate temperature of 85 °C of 100 % load and 100 °C of 75 % load for Input voltage 100-170 Vac and 100 °C of 65 % load for Input voltage 170-277 Vac for models TUNS1200F28 and TUNS1200F48." to "Maximum base plate temperature of 85 °C of 100 % load and 100 °C of 65 % load for Input voltage 100-170 Vac and 100 °C of 75 % load for Input voltage 170-277 Vac for models TUNS1200F28 and TUNS1200F48."

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)



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

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IEC 60950-1:2005/AMD2:2013

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E132067-A6050-CB-1 issued on 2020-08-12

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Date: 2020-08-13

Signature:

Masamichi Takagi

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Date: 2020-08-13

Signature:

Masamichi Takagi