




Ref. Certif. No.

JP-26223-M1-UL

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	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	100-240 V AC, 50-60 Hz 0.13 A 120-370 V DC, 0.06 A
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	TUHS5F05, TUHS5F12, TUHS5F15 and TUHS5F24 May be provided with suffix -##### Where # is any number 0 to 9 or letter A to Z or blank.
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. Additionally evaluated to EN IEC 62368-1:2020/A11:2020. National Differences specified in the CB Test Report. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E132067-A6151-CB-1 issued on 2024-12-23

This CB Test Certificate is issued by the National Certification Body



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

For full legal entity names see www.ul.com/ncbnames

Date: 2024-12-24

Original Issue Date: 2022-06-17

Signature:


Masamichi Takagi



Ref. Certif. No.

JP-26223-M1-UL

Factory(ies):

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 CO LTD
501-1 NAKAOKUBO, 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

Summary of Modifications:

- [1] Addition of alternate Potting Compound, Dow Toray Co., Ltd., Type SE 1817 CV M LTV A/B KIT.
- [2] Addition of alternate Optical Isolator (PC101), LITE-ON Technology Corporation, Type LTV-217.
- [3] Deletion of Diode (D201) in Table 4.1.2.
- [4] Addition of original tested component for Cover (Optional), Diode Bridge (SS101), FET (TR102) and Inductor (L101) in Table 4.1.2.
- [5] Correction of Technical Data for alternate Diode Bridge (SS101) in Table 4.1.2 from "600 V, 0.8 A" to "Minimum 600 V, minimum 0.8 A".
- [6] Correction of Technical Data for alternate FET (TR102) in Table 4.1.2 from "0.63 A" to "minimum 0.63 A".
- [7] Correction of Technical Data for alternate Inductor (L101) in Table 4.1.2 from "Core: Ferrite, 470 μ H, see Enclosure Id. 4-05 for detail." to "470 μ H".

Additional information (if necessary)



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Product

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JAPAN

Name and address of the manufacturer

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1-6-43 KAMIAKAE-MACHI TOYAMA-SHI TOYAMA 930-0816
JAPAN

Name and address of the factory

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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

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120-370 V DC, 0.06 A

Trademark (if any)



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CTF Stage 2

Model / Type Ref.

TUHS5F05, TUHS5F12, TUHS5F15 and TUHS5F24
May be provided with suffix -#####
Where # is any number 0 to 9 or letter A to Z or blank.

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

Additionally evaluated to: EN IEC 62368-1:2020/A11:2020
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

IEC 62368-1:2018

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

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