



Ref. Certif. No.

JP-26543-A1-UL

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

## CB TEST CERTIFICATE

Product

Switching 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  
TATEYAMA FACTORY  
78 DOGENJI TATEYAMA MACHI NAKANIKAU-GUN TOYAMA 930-0241  
JAPAN

Note: When more than one factory, please report on page 2

☒ Additional Information on page 2

Ratings and principal characteristics

Input: 100-240 VAC, 50-60 Hz, 2.5 A (Model GHA500F-5),  
5.4 A (Model GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30,  
GHA500F-48 and GHA500F-56)  
Output Ratings: See test report for details.

Trademark / Brand (if any)

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

GHA500F-5, GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30,  
GHA500F-48 and GHA500F-56.  
May be provided with suffix "-#####". Where "#" is "J1", "J2", "J3", "T3",  
"R3", "P", "Dxxxx", "M", "C", "V", "SNF" or blank.  
Where "x" is any number 0 to 9, ., or blank

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

The report was revised to include administrative modifications.  
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

E132067-A6155-CB-1 issued on 2024-09-11

This CB Test Certificate is issued by the National Certification Body



☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA  
☐ UL Solutions (Denmark), 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](http://www.ul.com/ncbnames)

Date: 2024-09-12

Original Issue Date: 2022-10-06

Signature:

  
Masamichi Takagi



Ref. Certif. No.

**JP-26543-A1-UL**

**Factory(ies):**

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

**Summary of Modifications:**

- Add one factory.

**Additional information (if necessary)**



- ☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☐ UL Solutions (Demko), 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
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Date: 2024-09-12  
Original Issue Date: 2022-10-06

Signature:

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Ref. Certif. No.

**JP-26543-M1-UL**

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**CB TEST CERTIFICATE**

Product

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Name and address of the applicant

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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  
TATEYAMA FACTORY  
78 DOGENJI TATEYAMA MACHI NAKANIICAWA-GUN TOYAMA 930-0241 JAPAN

Note: When more than one factory, please report on page 2

☒ [Additional Information on page 2](#)

Ratings and principal characteristics

Input: 100-240 VAC, 50-60 Hz, 2.5 A (Model GHA500F-5),  
5.4 A (Model GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30,  
GHA500F-48 and GHA500F-56)  
Output Ratings: See test report for details.

Trademark / Brand (if any)

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

GHA500F-5, GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30,  
GHA500F-48 and GHA500F-56.  
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"R3", "P", "Dxxxx", "M", "C", "V", "SNF" or blank.  
Where "x" is any number 0 to 9, ., 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.☒ [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-A6155-CB-1 issued on 2023-12-25

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☐ UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2023-12-26

Original Issue Date: 2022-10-06

Signature:

Masamichi Takagi



Ref. Certif. No.

**JP-26543-M1-UL**

**Factory(ies):**

EIKOKU CO LTD  
45-6 NISHIDA KANEOKE KOKUFU-CHO TAKAYAMA-SHI GIFU 509-4123  
JAPAN

**Summary of Modifications:**

- [1] Replaced specifications by adding minor tapes for Transformer (T12) Type S018\*\*.
- [2] Addition of alternate Insulation Sheet (for suffix SNF), Sabic Japan L L C or Sabic Innovative Plastics US L L C, Type EFR95.
- [3] Deletion of alternate Insulation Tape for top side of Core and alternate Insulation Tape for outer side and inside of Core for Transformer (T12), Jingjiang Yahua Pressure Sensitive Glue Co., Ltd., Type PF.

**Additional information (if necessary)**



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Date: 2023-12-26

Original Issue Date: 2022-10-06

Signature:

Masamichi Takagi



Ref. Certif. No.

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JAPAN

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

☒ Additional Information on page 2  
Input: 100-240 VAC, 50-60 Hz, 2.5 A (Model GHA500F-5), 5.4 A  
(Model GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30,  
GHA500F-48 and GHA500F-56)  
Output Ratings: See test report for details.

Trademark / Brand (if any)

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

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GHA500F-48 and GHA500F-56.  
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National Differences specified in the CB Test Report.☐ Additional Information on page 2

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IEC 62368-1:2018

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

E132067-A6155-CB-1 issued on 2022-10-05

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Date: 2022-10-06

Signature:

Masamichi Takagi



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**Factory(ies):**

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JAPAN

**Additional information (if necessary)**



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Date: 2022-10-06

Signature:

Masamichi Takagi