



Ref. Certif. No.

**US-43084-M1-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  
TATEYAMAMACHI NAKANIIKAWA-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: AC100-240 V, 50-60 Hz, 2.0 A  
Output: 24 V, 6.3 A

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

LMA150F-24-#####

☒ [Additional Information on page 2](#)

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

**Additionally evaluated to:** EN 60601-1:2006, EN 60601-1:2006/A1:2013,  
EN 60601-1:2006/A12:2014, EN 60601-1:2006/A2:2021

Product for use in medical applications.

The report was revised to include technical modifications.

The risk management requirements of the standard were not addressed

National Differences: EU Group Differences, CA, US

☒ [Additional Information on page 2](#)

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

IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012,  
IEC 60601-1:2005/AMD2:2020

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

E161890-D1070-1/A1/C0-CB issued on 2024-01-19

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](http://www.ul.com/ncbnames)

Date: 2024-01-22

Original Issue Date: 2023-12-04

Signature:

  
Jolanta M. Wroblewska



Ref. Certif. No.

**US-43084-M1-UL**

**Factory(ies):**

TAKANAMI CO LTD  
2000-39 HIROKAMI  
IMIZU-SHI TOYAMA-KEN 939-0256 JAPAN

DAIYON CORP  
1-18 ZOUSHIMA FUCHU-MACHI  
TOYAMA-SHI TOYAMA-KEN 939-2726 JAPAN

KYOUSEI CO LTD  
501-1 NAKAOKUBO  
TOYAMA-SHI TOYAMA-KEN 939-2243 JAPAN

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

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

**Additional Model Detail(s):**

LMA150F-24-#####

May be provided with suffix, where "#" is "H", "J1", "C", "G", "Y", "S", "R", "R2", "Dxxxx", "Pxxxx", "SN" or blank. Where "x" is any number 0 to 9, ., or blank.

**Summary of Modifications:**

Correction of type of bobbin thickness of transformer (T201) in Table 8.10. See CB Test Report for details.

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

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

Date: 2024-01-22

Original Issue Date: 2023-12-04

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

**US-43084-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 TATEYAMAMACHI NAKANIIKAWA-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: AC100-240 V, 50-60 Hz, 2.0 A  
Output: 24 V, 6.3 A

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

LMA150F-24-#####

☒ Additional Information on page 2

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

**Additionally evaluated to:** EN 60601-1:2006, EN 60601-1:2006/A1:2013, EN 60601-1:2006/A12:2014, EN 60601-1:2006/A2:2021  
The risk management requirements of the standard were not addressed  
National Differences: EU Group Differences, CA, US

☐ Additional Information on page 2

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

IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020

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

E161890-D1070-1/A0/C0-CB issued on 2023-11-28

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](http://www.ul.com/ncbnames)

Date: 2023-12-04

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

**US-43084-UL**

**Factory(ies):**

KYOUSEI CO LTD  
501-1 NAKAOKUBO TOYAMA-SHI, Toyama, 939-2243  
Japan

SUNRISE INDUSTRIES CO LTD  
2-24-6 TERAJIMA ITOIGAWA-SHI, Niigata, 941-0066  
Japan

TAKANAMI CO LTD  
2000-39 HIROKAMI IMIZU-SHI, Toyama, 939-0256  
Japan

DAIYON CORP  
1-18 ZOUSHIMA  
FUCHU-MACHI TOYAMA-SHI, Toyama, 939-2726  
Japan

EIKOKU CO LTD  
45-6 NISHIDA KANEOKE  
KOKUFU-CHO TAKAYAMA-SHI, Gifu, 509-4123  
Japan

**Additional Model Detail(s):**

LMA150F-24-#####, May be provided with suffix, where "#" is "H", "J1", "C", "G", "Y", "S", "R", "R2", "Dxxxx", "Pxxxx", "SN" or blank. Where "x" is any number 0 to 9, ., or blank.

**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  
☐ 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: 2023-12-04

Signature:

Jolanta M. Wroblewska