



Ref. Certif. No.

JP-28111-UL

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

CB TEST CERTIFICATE

Product

DC-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

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

☐ Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

MUx6yz, MUx10yz
"x" = S or W, "y" = 05, 12, 24 or 48, "z" = 3R3, 05, 12, 15 (when "x" = W, "z" is 12 or 15).
May be provided with suffix "&-\$#". ("&" = any letter A to Z or blank, "\$" = G or blank, "#" represents one or more digits of any alphanumeric characters 0 to 9 or A to Z or blank.)

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

Additionally evaluated to: EN IEC 62368-1:2020,
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-A6200-CB-1 issued on 2025-05-14

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

Date: 2025-05-15

Signature:

Masamichi Takagi



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Ratings:

Input Ratings:

MUS6053R3: 4.5 - 9 VDC/ 1.26 A maximum, MUS60505 : 4.5 - 9 VDC/ 1.65 A maximum,
MUS60512 and MUS60515: 4.5 - 9 VDC/ 1.61 A maximum, MUS6123R3: 9 - 18 VDC/ 0.62 A maximum,
MUS61205: 9 - 18 VDC/ 0.80 A maximum, MUS61212 and MUS61215: 9 - 18 VDC/ 0.78 A maximum,
MUS6243R3: 18 - 36 VDC/ 0.32 A maximum, MUS62405: 18 - 36 VDC/ 0.40 A maximum,
MUS62412 and MUS62415: 18 - 36 VDC/ 0.39 A maximum, MUS6483R3: 36- 76 VDC/ 0.16 A maximum,
MUS64805, MUS64812 and MUS64815: 36- 76 VDC/ 0.20 A maximum, MUW60512 and MUW60515: 4.5 - 9 VDC/ 1.61 A maximum,
MUW61212 and MUW61215: 9 - 18 VDC/ 0.78 A maximum, MUW62412 and MUW62415: 18 - 36 VDC/ 0.39 A maximum,
MUW64812 and MUW64815: 36- 76 VDC/ 0.20 A maximum, MUS10053R3: 4.5 - 9 VDC/ 2.36 A maximum,
MUS100505: 4.5 - 9 VDC/ 2.68 A maximum, MUS100512: 4.5 - 9 VDC/ 2.90 A maximum,
MUS100515: 4.5 - 9 VDC/ 2.85 A maximum, MUS10123R3: 9 - 18 VDC/ 1.13 A maximum,
MUS101205: 9 - 18 VDC/ 1.28 A maximum, MUS101212: 9 - 18 VDC/ 1.37 A maximum, MUS101215: 9 - 18 VDC/ 1.33 A maximum,
MUS10243R3: 18 - 36 VDC/ 0.57 A maximum, MUS102405: 18 - 36 VDC/ 0.64 A maximum,
MUS102412: 18 - 36 VDC/ 0.69 A maximum, MUS102415: 18 - 36 VDC/ 0.67 A maximum,
MUS10483R3: 36- 76 VDC/ 0.28 A maximum, MUS104805: 36- 76 VDC/ 0.32 A maximum,
MUS104812: 36- 76 VDC/ 0.34 A maximum, MUS104815: 36- 76 VDC/ 0.33 A maximum,
MUW100512: 4.5 - 9 VDC/ 2.97 A maximum, MUW100515: 4.5 - 9 VDC/ 2.89 A maximum,
MUW101212: 9 - 18 VDC/ 1.40 A maximum, MUW101215: 9 - 18 VDC/ 1.36 A maximum,
MUW102412: 18 - 36 VDC/ 0.69 A maximum, MUW102415: 18 - 36 VDC/ 0.68 A maximum,
MUW104812: 36- 76 VDC/ 0.35 A maximum, MUW104815: 36- 76 VDC/ 0.34 A maximum
Output Ratings: See test report for details.

Additional information (if necessary)



☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
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