



Ref. Certif. No.

DK-176739-UL

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

CB TEST CERTIFICATE

Product

DC to DC Converter

Name and address of the applicant

MINMAX TECHNOLOGY CO LTD
18 SIN-SIN RD AN-PING INDUSTRIAL DISTRICT TAINAN CITY, 702
Taiwan

Name and address of the manufacturer

MINMAX TECHNOLOGY CO LTD
18 SIN-SIN RD AN-PING INDUSTRIAL DISTRICT TAINAN CITY, 702
Taiwan

Name and address of the factory

MINMAX TECHNOLOGY CO., LTD.
18 SIN-SIN RD, AN-PING INDUSTRIAL DISTRICT TAINAN CITY 702,
TAIWAN

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

Additional Information on page 2

Ratings and principal characteristics

(Optional)

Input:

Models MSU01-xDyz1z1z1z1z1, MSU01-xSyz1z1z1z1z1, LSU01-xDyz1z1z1z1z1, and LSU01-xSyz1z1z1z1z1

2.97-3.63 Vdc, 455 mA max. (for x = 033)

4.5-5.5 Vdc, 297 mA max. (for x = 05)

10.8-13.2 Vdc, 125 mA max. (for x = 12)

21.6-26.4 Vdc, 65 mA max. (for x = 24)

Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

MSU01-xSyz1z1z1z1z1, MSU02-xSyz1z1z1z1z1, LSU01-xSyz1z1z1z1z1, LSU02-xSyz1z1z1z1z1

Additional Information on page 2

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

National Differences: EU Group Differences, CA, JP, CH, GB, US

Additional Information on page 2

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

IEC 62368-1:2023

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

2511029-CB issued on 2026-01-23

This CB Test Certificate is issued by the National Certification Body



- 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

Date: 2026-02-09

Signature:

Thomas Wilson



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Additional Model Detail(s):

MSU01-xSyz1z1z1z1z1, MSU02-xSyz1z1z1z1z1, LSU01-xSyz1z1z1z1z1, LSU02-xSyz1z1z1z1z1, (x = 033, y = 033 or 05, and z1 can be any alphanumeric or blank, for marketing purpose and no impact safety related critical components and constructions)

MSU01-xSyz1z1z1z1z1, MSU02-xSyz1z1z1z1z1, LSU01-xSyz1z1z1z1z1, LSU02-xSyz1z1z1z1z1, (x = 05, 12 or 24, y = 033, 05, 12, 15 or 24, and z1 can be any alphanumeric or blank, for marketing purpose and no impact safety related critical components and constructions)

MSU01-xDyz1z1z1z1z1, MSU02-xDyz1z1z1z1z1, LSU01-xDyz1z1z1z1z1, LSU02-xDyz1z1z1z1z1, (x = 05, 12 or 24, y = 05, 12 or 15, and z1 can be any alphanumeric or blank, for marketing purpose and no impact safety related critical components and constructions)

Additional Ratings:

Models MSU02-xDyz1z1z1z1z1, MSU02-xSyz1z1z1z1z1, LSU02-xDyz1z1z1z1z1, and LSU02-xSyz1z1z1z1z1
2.97-3.63 Vdc, 984 mA max. (for x = 033)
4.5-5.5 Vdc, 601 mA max. (for x = 05)
10.8-13.2 Vdc, 254 mA max. (for x = 12)
21.6-26.4 Vdc, 125 mA max. (for x = 24)

Output:
See CB Test Report for details.

Additionally evaluated to:

EN IEC 62368-1:2024, EN IEC 62368-1:2024/A11:2024

Additional information (if necessary)



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