Ref. Certif. No.

DK-91909-M2-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	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 Note: *When more than one factory, please report on page 2*	MINMAX TECHNOLOGY CO LTD 18 SIN-SIN RD AN-PING INDUSTRIAL DISTRICT TAINAN CITY 702, TAIWAN ☐ Additional Information on page 2
Ratings and principal characteristics	Input: 36-160 V d.c., 1315 mA max. Output: See test report for details. ☐ Additional Information on page 2
Trademark (if any)	MINMAX
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	MKZI40-110Sx1yzzzzzz, MKZI40-110Dx2yzzzzzz ☒ Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. ☒ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	2012019-CB-M2 issued on 2021-03-26

This CB Test Certificate is issued by the National Certification Body

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

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

Date: 2021-04-13
Original Issue Date: 2020-01-08

Signature:
Jan-Erik Storgaard

Ref. Certif. No.

DK-91909-M2-UL

Additional Model(s):
Series: MKZI40-110Sx1yzzzzzz and MKZI40-110Dx2yzzzzzz.
Where x1 = 05, 12, 15, 24 or 54 representing Single output voltage; x2 = 12 or 15 representing Dual output voltage
y = N or blank or –HS
z = any alphanumeric character, punctuation mark or blank.

Additionally evaluated to:
EN 62368-1:2014/A11:2017, EN 62368-1:2014
National Differences specified in the CB Test Report.

Summary of Modifications:
1. Add alternate maximum operating ambient;
2. Update Group Differences;
3. Models change;
4. Replace Optocoupler (IC5) source.

Additional information (if necessary)

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