

CERTIFICATE OF COMPLIANCE

Certificate Number 2020-06-03 (original), 2020-06-24 (A1)-E161890
Report Reference E161890-D1025-1/A1/C0-UL
Issue Date 2020-06-03 (original), 2020-06-24 (A1)

Issued to: COSEL CO LTD
Applicant Company: 1-6-43 KAMIAKAE-MACHI
 TOYAMA-SHI TOYAMA 930-0816 JAPAN

Listed Company: Same as Applicant

**This is to certify that
 representative samples of**

DC-DC Converter
 MHFx3yz (x = S, W or B, y = 12, 24 or 48 (for "S" or "W" in suffix
 x), y = 12 or 24 (for "B" in suffix x), z = 3R3, 05, 09, 12 or 15 (for
 "S" in suffix x), z = 12 or 15 (for "W" in suffix x), z = 1509 or 2005
 (for "B" in suffix x)), may be followed by suffix "-#" which can be
 any number 0 to 9 or any letter A to Z or blank, single number,
 letter or in the combination of two or more.

Have been investigated by UL in accordance with the
 Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/AAMI ES60601-1: A1:2012, C1:2009/(R)2012 and
 A2:2010/(R)2012, CSA CAN/CSA-C22.2 NO. 60601-1:14
Additional Standards: N/A

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information.

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
 Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in
 performance capabilities and are intended for use as components of complete equipment
 submitted for investigation rather than for direct separate installation in the field. The final
 acceptance of the component is dependent upon its installation and use in complete equipment
 submitted to UL LLC.

Look for the UL Certification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested
 according to the current UL requirements.

B. Mahrenholz

Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services, UL LLC
 Joseph Hosey, General Manager, Director of Sales – Canada, UNDERWRITERS LABORATORIES OF CANADA INC.

Helena Y. Wolf

Helena Y. Wolf, Director, Global Market Access Operations, UL LLC

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 Customer Service Representative www.ul.com/contactus

