

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 2020-06-03 (original), 2020-06-24 (A1), 2024-05-15 (A2)-E161890  
**Report Reference** E161890-D1025-1/A2/C0-UL  
**Date** 2020-06-03 (original), 2020-06-24 (A1), 2024-05-15 (A2)  
**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**

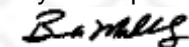
DC-DC Converter  
MHFx3yz (x = S, W or B, y = 12, 24 or 48 (for "S" or "W" in suffix x), y = 12 or 24 (for "B" in suffix x), z = 3R3, 05, 09, 12 or 15 (for "S" in suffix x), z = 12 or 15 (for "W" in suffix x), z = 1509 or 2005 (for "B" in suffix x)), may be followed by suffix "-#" which can be any number 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 component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** ANSI/AAMI ES60601-1:2005/(R)2012 and 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 <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

*B. Mahlen*

Bruce Mahlenholz, Director North American Certification Program

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