

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190228-E253242  
**Report Reference** E253242-20050427  
**Issue Date** 2019-FEBRUARY-28

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

**This certificate confirms that  
 representative samples of**

**COMPONENT - ELECTROMAGNETIC INTERFERENCE  
 FILTERS**  
 See addendum Page.

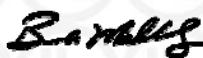
Have been investigated by UL in accordance with the  
 component requirements in the Standard(s) indicated on  
 this Certificate. UL Recognized components are incomplete  
 in certain constructional features or restricted in  
 performance capabilities and are intended for installation in  
 complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** UL1283, Electromagnetic Interference Filters and CSA  
 C22.2 No. 8-13, Electromagnetic Interference (EMI) Filters  
**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 Certified  
 and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
 UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please  
 contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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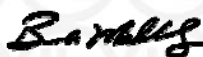
This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USR – Component - Electromagnetic Interference Filters, Appliance Type – Series NAM(, @), NAP(, %), NAC(#), and NAH(, %), may be followed by XM or DXM and may have an optional Y suffix which may appear before or after other suffixes.

USR, CNR – Component - Electromagnetic Interference Filters, Appliance Type, Series NAM(, @), NAP(, %), NAC(#), and NAH(, %), may be followed by D or XU or DXU and an optional Y suffix that may appear before or after the other suffixes. Series TAC(^, \$) and TAH(^, \$), may be followed by D.

**Notes –**

- () – followed by 04, 06, 10, 16, 20, or 30
- (@) – followed by 000, 101, 221, 331, or 471
- (%) – followed by 000, 101, 221, 331, 471, 681, 102, 222, 332, or 472
- (#) – followed by 681, 102, 222, 332, or 472
- (^) – followed by 04, 06, 10, 20, or 30
- (\$) – followed by 000, 103, 153, 223, 333, 473, or 683



Bruce Mahrenholz, Director North American Certification Program  
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