

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/>



CERTIFICATE OF COMPLIANCE

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

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
 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/>