

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20170128-E252739  
**Report Reference** E252739-20061005  
**Issue Date** 2017-JANUARY-28

**Issued to:** DELTA ELECTRONICS INC  
31-1 SHIEN PAN RD, KUEI SAN INDUSTRIAL ZONE  
TAOYUAN HSIEN, 333 TAIWAN


**This is to certify that representative samples of** COMPONENT - SERVO AND STEPPER MOTORS;  
COMPONENT - MOTORS CERTIFIED FOR CANADA  
See Addendum Page

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

**Standard(s) for Safety:** UL 1004-1, Rotating Electrical Machines – General Requirements;  
UL 1004-6, Servo and Stepper Motors;  
CSA C22.2 No. 100-14, Motors And Generators

**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://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.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

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.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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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, CNR – AC servo motors (110 V), ECMA Series; followed by C, E, F, or G; followed by two digits, each may be A-Z, 0-9 or blank; followed by 04, 06, 08, 09, 10, 13, or 18; followed by 0F, 01, 02, 03, 04, 05, 06, 07, 09, 10, 15, 20, 30, 35, 45, 55, or 75; followed by A-H, J, K, M, N, or P- X; followed by S, 1, 7, 6, 9, 2, 4, 8, 5, 3, M, Y, P, D, H, L, K, X, F, A, B, E, G, or C.

USR, CNR – Servo Motors (110 V), Models ECMA-C(X)040F(Y)(Z), ECMA-C(X)0601(Y)(Z), ECMA-C(X)1330(Y)(Z), ECMA-E(X)0605(Y)(Z), ECMA-E(X)1330(Y)(Z), ECMA-E(X)1333(Y)(Z), ECMA-E(X)181B(Y)(Z), ECMA-E(X)221F(Y)(Z), ECMA-E(X)222A(Y)(Z), ECMA-F(X)1305(Y)(Z), ECMA-F(X)1308(Y)(Z), ECMA-F(X)1313(Y)(Z), ECMA-F(X)1318(Y)(Z), ECMA-F(X)221B(Y)(Z), ECMA-F(X)221F(Y)(Z) series, where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W or X; (Z) may be A-Z, 0-9 or blank.

USR, CNR – Servo Motors (220 V), Models ECMA-J(X)0604(Y)(Z), ECMA-J(X)0807(Y)(Z), ECMA-J(X)0907(Y)(Z), ECMA-J(X)0910(Y)(Z), ECMA-J(X)1010(Y)(Z), ECMA-J(X)1020(Y)(Z), ECMA-J(X)1330(Y)(Z), ECMA-L(X)0905(Y)(Z), ECMA-L(X)1305(Y)(Z), ECMA-L(X)1308(Y)(Z), ECMA-L(X)1313(Y)(Z), ECMA-L(X)1830(Y)(Z), ECMA-L(X)1845(Y)(Z), ECMA-L(X)1855(Y)(Z), ECMA-L(X)1875(Y)(Z), ECMA-K(X)1305(Y)(Z), ECMA-K(X)1310(Y)(Z), ECMA-K(X)1315(Y)(Z), ECMA-K(X)1320(Y)(Z), ECMA-K(X)1820(Y)(Z), ECMA-K(X)1835(Y)(Z), ECMA-K(X)181B(Y)(Z), ECMA-K(X)221F(Y)(Z), ECMA-K(X)222A(Y)(Z), ECMA-M(X)1309(Y)(Z) series, where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W or X; (Z) may be A-Z, 0-9 or blank.

USR, CNR – Servo Motors (110 V), Models ECMA-C(X)1330(Y)(Z)(W)A, ECMA-C(X)130(Y)(Z)(W)A, ECMA-E(X)1835(Y)(Z)(W)A series, where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W or X; (Z) may be A-Z, 0-9 or blank; (W) may be G, H, L, M or W.

USR, CNR – Servo Motors (110 V), Models ECMC-C(X)0401(Y)(Z), ECMC-C(X)0602(Y)(Z), ECMCC(X)0604(Y)(Z), ECMC-C(X)0807(Y)(Z), ECMC-C(X)0910(Y)(Z), ECMC-C(X)1010(Y)(Z), ECMC-E(X)1310(Y)(Z), ECMC-E(X)1315(Y)(Z), ECMC-E(X)1320(Y)(Z), ECMC-E(X)1820(Y)(Z), ECMC-E(X)1830(Y)(Z), ECMC-F(X)1308(Y)(Z), ECMC-F(X)1313(Y)(Z), ECMC-F(X)1318(Y)(Z), ECMC-F(X)1830(Y)(Z), ECMC-F(X)1845(Y)(Z) series, where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W or X; (Z) may be A-Z, 0-9 or blank.



Bruce Mahrenholz, Director North American Certification Program

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USR, CNR - Servo Motors (110 V), Models ECMR-C(X)0401(Y)(Z), ECMR-C(X)0602(Y)(Z), ECMR-C(X)0604(Y)(Z), ECMR-C(X)0807(Y)(Z), ECMR-C(X)0910(Y)(Z), ECMR-C(X)1010(Y)(Z), ECMR-E(X)1310(Y)(Z), ECMR-E(X)1315(Y)(Z), ECMR-E(X)1320(Y)(Z), ECMR-E(X)1820(Y)(Z), ECMR-E(X)1830(Y)(Z), ECMR-F(X)1308(Y)(Z), ECMR-F(X)1313(Y)(Z), ECMR-F(X)1318(Y)(Z), ECMR-F(X)1830(Y)(Z), ECMR-F(X)1845(Y)(Z) series, where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W or X; (Z) may be A-Z, 0-9 or blank.

USR, CNR – Servo Motors (110 V), Models ECMD-E(A)0602(B)(Z), ECMD-E(A)0804(B)(Z), ECMD-E(A)1007(B)(Z), ECMD-E(A)1315(B)(Z), ECMD-E(A)1822(B)(Z), ECMD-E(A)1837(B)(Z) series, where (A) included two digits, each may be A-Z, 0-9 or blank; (B) may be M or B; (Z) may be “xxx”, each “x” may be A-Z, 0-9 or blank.

USR, CNR – Servo Motors (220 V), Models ECMD-K(A)0804(B)(Z), ECMD-K(A)1007(B)(Z), ECMD-K(A)1315(B)(Z), ECMD-K(A)1822(B)(Z), ECMD-K(A)1837(B)(Z) series, where (A) included two digits, each may be A-Z, 0-9 or blank; (B) may be M or B; (Z) may be “xxx”, each “x” may be A-Z, 0-9 or blank.

USR, CNR – Servo Motors (220 V), Models ECMD-M90802M(Z), ECMD-M90802B(Z) series, where (Z) may be “xxx”, each “x” may be A-Z, 0-9 or blank.

USR, CNR – Servo Motors, Models DAI2C10401ES, DAI2C10401RS, DAI2C20401ES, DAI2C20401FS, DAI2C20401GS, DAI2C20401HS, DAI2C20401RS, DAI2C10602RS, DAI2C20602RS, DAI2C10604RS, DAI2C20604RS, DAI2C10807RS, DAI2C10910RS.

USR, CNR - Servo Motors, Models ECMA-C(x)0401(y)(z), ECMA-C(x)0602(y)(z), ECMA-C(x)0604(y)(z), ECMA-C(x)0807(y)(z), ECMA-J(x)0604(y)(z) and ECMA-J(x)0807(y)(z) series, where (x) may be A thru Z, or 0 thru 9; (y) may be Y; (z) may be A thru Z, or 0 thru 9.



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