

CERTIFICATE OF COMPLIANCE

Certificate Number 20140520-E211945
Report Reference E211945-20060929
Issue Date 2014-MAY-02

Issued to: ABB OY DRIVES
HIOMOTIE 13
PO BOX 184
00381 HELSINKI FINLAND

This is to certify that representative samples of POWER CONVERSION EQUIPMENT
See Addendum Page

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

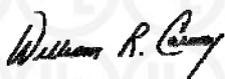
Standard(s) for Safety: UL508C, Power Conversion Equipment
CAN/CSA-C22.2 No. 14-13, Industrial Control Equipment

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

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carney, Director, North American Certification Programs
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.

USL, CNL – Open type AC adjustable speed drives; frame sizes A, B, C and D.

Model ACSM1, followed by -04AS, -04AM, -04AL, -04PS, -04PM, -04PL, -204AR, -204PR, -SPA0, -SPAS, -SPP0 or -SPPS, followed by -02A5, -03A0, -04A0, -05A0, -07A0, -09A5, -012A, -016A, -024A, -031A, -040A, -046A, -060A, -073A or -090A, followed by -4, may be followed by any combination of +Kxxx, +Lxxx, +Vxxx, +Nxxxx and +SPxxx where xxx/xxxx can be any number 0-9.

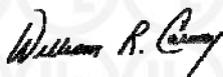
Model ACS850, followed by -04 or -SP04, followed by -03A0, -03A6, -04A8, -06A0, -08A0, -010A, -014A, -018A, -025A, -030A, -035A, -044A, -050A, -061A, -078A and -094A, followed by -2, -5, may be followed by any combination of +Kxxx, +Lxxx, +Vxxx, +Jxxx, +0Cxxx, +Exxx, +Nxxxx and +SPxxx where xxx/xxxx can be any number 0-9.

Model ACQ810, followed by -04 or -SP04, followed by -02A7, -03A0, -03A5, -04A9, -06A3, -08A3, -11A0, -14A4 -021A, -028A, -032A -035A, -040A, -053A, -067A, -080A, followed by -4, may be followed by any combination of +Kxxx, +Lxxx, +Vxxx, +Jxxx, +0Jxxx +0Cxxx, +Exxx, +0Exxx, +Nxxxx and +SPxxx where xxx/xxxx can be any number 0-9.

Model MFE180, followed by -04AN, -04PN or -04CN, followed by 02A5, 03A0, 04A0, 05A0, 07A0, 09A5, 012A, 016A, 024A, 031A, 040A, 046A, 060A, 073A or 090A followed by -4, followed by MMxx, followed by FBxx, may be followed by yyyy where xx can be any number 0-9 and yyyy can be any alpha numerical characters.

USL, CNL – Open type AC adjustable speed drives; frame sizes R1i, R2i, R3i and R4i.

Model ACS880, followed by -104, followed by -003A6, -004A8, -006A0, -008A0, -0011A, -0014A, -0018A, -0025A, -0030A, -0035A, -0044A, -0050A, -0061A, -0078A, -0094A or -0100A, followed by -3 or -5, may be followed by any combination of +Kxxx, +Lxxx, +Vxxx, +Nxxxx and +SPxxx where xxx/xxxx can be any number 0-9



William R. Carney, Director, North American Certification Programs

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CERTIFICATE OF COMPLIANCE

Certificate Number 20141217-E211945
Report Reference E211945-20110321
Issue Date 2014-DECEMBER-17

Issued to: ABB OY Drives
HIOMOTIE 13
PO BOX 184
00381 HELSINKI FINLAND

This is to certify that representative samples of POWER CONVERSION EQUIPMENT
REFER NEXT PAGE FOR MODELS

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

Standard(s) for Safety: UL 508C Power Conversion Equipment
CSA C22.2, No. 14-13 Industrial Control Equipment

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

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Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

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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.

Open type control unit; type ZCU; open type control board; type ZCON; may be followed by -xx, where x can be any number 0-9.

Open type control unit; type BCU; open type control board; type BCON; may be followed by -xx, -02, -12 or -22, where x may be any number 0-9.

Open type control unit; type GCU; open type control board; type GCON; may be followed by -xx, -02, -12 or -22, where x may be any number 0-9.

Open type control unit; type CCU; open type control board; type CCON; may be followed by -11, -12 or -xx, where x may be any number 0-9.

Open type Digital I/O extension board; type FDIO; may be followed by -xx, where x can be any number 0-9.

Open type Analog I/O extension board; type FAIO; may be followed by -xx, where x can be any number 0-9.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services
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