

CERTIFICATE OF COMPLIANCE

Certificate Number 20180302-E36588
Report Reference E36588-20120913
Issue Date 2018-MARCH-02

Issued to: ABB AB, Control Products
Motorgrand 20
SE-721 61 Vasteras SWEDEN

This is to certify that representative samples of MOTOR CONTROLLERS, MAGNETIC
See Addendum Page for Models.

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

Standard(s) for Safety: UL 60947-4-1 & CSA C22.2 NO 60947-4-1-14
Low-Voltage Switchgear and Controlgear – Part 4-1:
Contactors and motor-starters – Electromechanical
contactors and motor-starters

Additional Information: See the UL Online Certifications Directory at
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.

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.

Open type, magnetic motor controllers and Type AF116, AF140 or AF146, AFS116, AFS140, AFS146, may be followed by B, followed by -30, or -30RT followed by -00, -11, -22, -01, -10, may be followed by B, followed by additional suffixes indicating coil voltage. Type AF140N4 or AFS140N4, may be followed by -30, followed by M or R, followed by -00, -11, -22, followed by two additional suffixes. Reversers, open type, AF116, AF140 or AF146, followed by R, followed by -30, followed by -00, -11, -22, followed by additional suffixes indicating coil voltage.

Accessories for AF116, AF140 AF146, AFS116, AFS140, AFS146, AF140N4 or AFS140N4 Contactors:

Terminal Shroud Type. LT140-30L

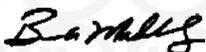
Connection Device Type. LL140, LD140

Connection Bar Type Nos. BEA140/XT2, BEA140/XT3, BEA140/XT4, BER140-4, BEP140-30, BEY140-4

Terminal extension Type. LY140, LX140, LW140

Aux. Contact Blocks Type. CAL19-11, CAL19-11B, CEL19-01, CEL19-10

Mechanical Interlocks Type. VM19 and VM140/190



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