## CERTIFICATE OF COMPLIANCE

 Certificate Number
 20180302-E36588

 Report Reference
 E36588-20000623

 Issue Date
 2018-MARCH-02

Issued to: ABB AB, CONTROL PRODUCTS

**MOTORGRAND 20** 

SE-721 61 VASTERAS SWEDEN

This is to certify that MOTOR CONTROLLERS, MAGNETIC

representative samples of See Addendum Page.

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 motorstarters– 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 AF400, AF460, AFS400, AFS460, AFS460, AF400F or AF460F, AF400W or AF460W followed by -30, followed by -00, -11, -22, -01, -10 may be followed by two additional suffixes. Type AF460N6, or AFS460N6, may be followed by -30, M or R, followed by -00, -11, -22, -01, -10 followed by two additional suffixes. Reversers, mechanical interlocked, open type, AF400 or AF460, followed by M or R, followed by -30, followed by -00, -11, -22, followed by additional suffixes indicating coil voltage.

USL, CNL - Accessories for AF400, AF460, AFS400, AFS460, AF460N6, AFS460N6 Contactors: Terminal shrouds Type Nos. LT460-AC, LT460-AL; Connection bars Type Nos. BEM460-30, BES460-30, BEA750/T6, BEA750/T5, BED400, BED460, LY460, LP460, LX460. Mechanical interlocks Type Nos. VM300/460H, VM300/460V, VM370/460 and VM750H. Terminal enlargement Type LW460.

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Bruce Mahrenholz Director North

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