

EU Declaration of Conformity

The products: 3-phase electric motors of the series

M2BAX 71, 80, 90, 100, 112, 132, 160, 180, 200, 225, 250, 280, 315 and 355

M3BP 71, 80, 90, 100, 112, 132, 160, 180, 200, 225, 250, 280, 315, 355, 400 and 450

M3AA 71, 80, 90, 100, 112, 132, 160, 180, 200, 225, 250 and 280

The Manufacturer:

ABB Shanghai Motors Co., Ltd.
No.88 Tianning Road,
Minhang(Economic & Technical Development Zone)
Shanghai 200245 P.R. of China

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The products of the declaration as listed above are in conformity with the relevant Union harmonization legislation:

Directive 2014/35/EU

The motors are in conformity with provisions of the harmonized standards which thus comply with Principal Elements of the Safety Objectives for Electrical Equipment stated in Annex I of said directive.

Directive 2009/125/EC

The motors that are marked as IE2, IE3 or IE4 are in conformity with the requirements set in the Commission Regulation (EC) No. 640/2009 and the amending Regulation (EU) No. 4/2014 until 30th of June 2021 and with the Regulation (EU) 2019/1781 and the amending Regulation (EU) 2021/341 from 1st of July 2021 and onwards.

Directive 2011/65/EU

Motors are in conformity with the Directive 2011/65/EU and the amending Annex II to this Directive of the Delegated Directive (EU) 2015/863 of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment. Technical documentation based on the harmonized standard EN IEC 63000:2018.

The following harmonized standards were applied in relation to which conformity is declared:

EN 60034-1:2010, EN 60034-2-1:2014, EN 60034-5:2001/A1:2007, EN 60034-6:1993, EN 60034-7:1993/A1:2001, EN 60034-8:2007/A1:2014, EN 60034-9:2005/A1:2007, EN 60034-12:2002/A1:2007, EN 60034-14:2004/A1:2007 and EN 60034-30-1:2014.

Notes:

When installing motors for converter supply applications, additional requirements must be respected regarding the motor as well as the installation, as described in installation manual delivered with converters.

The conformity of the incorporation into a finished machine according to the Directive 2006/42/EC shall be established by the commissioning party when motor is fitted to the machinery.

According to the Regulation (EU) 2019/1781 motors placed on the market before 1 July 2029 as substitutes for identical motors integrated in products placed on the market before 1 July 2021 for motors referred to in Annex I.1 (a), and before 1 July 2023 for motors referred to in Annex I.1 (b), and specifically marketed as such are exempt from the efficiency requirements.

Signed for and on behalf of: ABB Shanghai Motors Co.,LTD.

Place and date of issue: Shanghai, China, 2021-03-31

Signed by



Name: Robert Chin

Title: Global R&D Manager

Signed by



Name: Hui Luo

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