

EU Declaration of Conformity

The products: 3-phase electric motors of the series

M3BP 71, 80, 90, 100, 112, 132, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450 and 500

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

M3BPW 160, 180, 200, 225, 250, 280, 315, 355, 400 and 450

M3BN 449, 586, 587, 588, 5008, 5010 and 5012

M3LP 160, 280, 315, 355, 400, 450 and 500

M3FH 280, 315, 355

The Manufacturer:

ABB Oy, IEC LV Motors

P.O. Box 633

Strömbergin puistotie 5A

FI-65101 Vaasa, Finland

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 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 standards are 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:

Additional requirements for the motor and converter installation, cabling and grounding as described in operating manuals delivered with motors and converters shall be followed and respected.

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 assembled 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 Oy, IEC LV Motors

Place and date of issue:

Vaasa, Finland, 2023-09-05



Harri Mykkänen

Vice President