



EU Declaration of Conformity

The Manufacturer ABB Oy
Hiomotie 13
FIN-00380 Helsinki, Finland

The Manufacturing Locations

ABB Electrical Machines Ltd.
No. 380, Tianxing Road, Minhang District
200245 Shanghai – CHINA

ABB India Limited
Motors and Generators
Maneja Village
390013 Vadodara
Gujarat – INDIA

The Products 3-phase squirrel cage induction machines, series AXR, HXR, AMD, AMA, AMH and AMI, as listed on page 3, are in conformity with the provisions of the following Council Directives:

- **ATEX Directive 2014/34/EU**
In respect of the machine category the harmonized standards can be one or more of the following standards: EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-2:2014/AC: 2015, EN IEC 60079-7:2015/A1:2018, EN 60079-15:2010 and EN 60079-31:2014.
- **Machinery Directive 2006/42/EC**
The designing of the machines, considered as partly completed machinery, complies with the essential health and safety requirements of Machinery Directive, provided that the installation be correctly realized by the manufacturer of the machinery (e.g. in compliance with our installation instruction and standard EN 60204 Part 1 and Part 11 as applicable).

ABB Oy

Large Motors and Generators Visiting Address
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This EU Declaration of Conformity is issued under the sole responsibility of the manufacturer.

Helsinki, 01/07/2023

ABB Oy

Signed for and behalf of:

ABB Global R&D Manager

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The product: 3-phase squirrel cage induction machine types AXR, HXR, AMD, AMA, AMH or AMI

Machine type, IEC frame size	Group & Category, Temperature Class, Protection Type	Certificate issued by Notified Body (ExNB) or Manufacturer
AXR 315 - 500	II 2 G Ex eb II T1-T3 Gb ³⁾	Eurofins ⁴⁾
	II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	Eurofins ⁴⁾
	II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc	ABB or Eurofins ⁴⁾
	II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or Eurofins ⁴⁾
	II 2 D Ex tb IIIC T...°C Db ²⁾ (IP66)	Eurofins ⁴⁾
	II 3 D Ex tc IIIB T...°C Dc ²⁾ (IP55)	ABB or Eurofins ⁴⁾
HXR 355 - 560	II 2 G Ex eb II T1-T3 Gb ³⁾	Eurofins ⁴⁾
	II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	Eurofins ⁴⁾
	II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc	ABB or Eurofins ⁴⁾
	II 3 G Ex ec II T1-T4 Gc ^{1,3)}	ABB or Eurofins ⁴⁾
	II 3 D Ex tc IIIB T...°C Dc ²⁾ (IP55)	ABB or Eurofins ⁴⁾
AMH 423	II 2 G Ex eb II T1-T3 Gb ³⁾	Eurofins ⁴⁾
AMD 355...g... - 500...g...	II 2G Ex db/ db eb/ db ib/ db eb ib IIB/IIC T1-T5 Gb ⁶⁾	TÜV SUD ⁵⁾
	II 2D Ex tb IIIC T125-150°C Db (IP6x)	TÜV SUD ⁵⁾
	II 3D Ex tc IIIB T125-150°C Dc (IP5x)	ABB or TÜV SUD ⁵⁾
	I M2 Ex db I Mb	TÜV SUD ⁵⁾
AMA 315 - 500	II 2 G Ex eb II T1-T3 Gb ³⁾	Eurofins ⁴⁾
	II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	Eurofins ⁴⁾
	II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc	ABB or Eurofins ⁴⁾
	II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or Eurofins ⁴⁾
	II 3 D Ex tc IIIB T...°C Dc ²⁾ (IP55)	ABB or Eurofins ⁴⁾
AMI 400 – 630	II 2 G Ex eb II T1-T3 Gb ³⁾	Eurofins ⁴⁾
	II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	Eurofins ⁴⁾
	II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc	ABB or Eurofins ⁴⁾
	II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or Eurofins ⁴⁾
	II 3 D Ex tc IIIB T...°C Dc ²⁾ (IP55)	ABB or Eurofins ⁴⁾
AMI 710	II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	Eurofins ⁴⁾
	II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc	ABB or Eurofins ⁴⁾
	II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or Eurofins ⁴⁾
	II 3 D Ex tc IIIB T...°C Dc ²⁾ (IP55)	ABB or Eurofins ⁴⁾
AMI 800-1120	II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	Eurofins ⁴⁾
	II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc	ABB or Eurofins ⁴⁾
	II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or Eurofins ⁴⁾

¹⁾ The manufacturer has assessed the conformity to the standard EN IEC 60079-0:2018 (3AAM101065)

²⁾ Degree of protection (IP-Codes) has been specified in standard EN 60034-5. Minimum requirement for IP-codes are presented in table.

³⁾ Gas groups IIA, IIB or IIC

⁴⁾ ExNB: Eurofins Electric & Electronics Finland Oy (0537), Kivimiehentie 4, Espoo, Finland

⁵⁾ ExNB: TÜV SÜD (0948) Via Carducci, 125, pal. 23, 20099 Sesto San Giovanni, Italy

⁶⁾ AMD 500: T1...T4

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