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EU Declaration of Conformity

- The Manufacturer ABB Oy
Strömbergintie 1 B
FIN-00380 Helsinki, Finland
- The Products 3-phase squirrel cage induction machines, series AXR, HXR, AMD, AMA, AMH and AMI, as listed on pages 2-3, are in conformity with the provisions of the following Council Directives:
- **ATEX Directive 2014/34/EU**
In respect of the machine category the harmonised standards can be one or more of the following standards: EN 60079-0:2012/A11:2013, 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).

This EU Declaration of Conformity is issued under the sole responsibility of the manufacturer.

Helsinki, 27. September, 2019

ABB Oy



Kristian Holmberg
Vice President
Induction Machines

ABB Oy

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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 Declaration
AXR 315 - 500	II 2 G Ex eb II T1-T3 Gb ³⁾	ExNB: Eurofins ⁴⁾
	II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	ExNB: Eurofins ⁴⁾
	II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc ³⁾	ABB or ExNB: Eurofins ⁴⁾
	II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or ExNB: Eurofins ⁴⁾
	II 2 D Ex tb IIIC T... °C Db ²⁾ (IP66)	ExNB: VTT ¹⁾ or Eurofins ⁴⁾
	II 3 D Ex tc IIIB T... °C Dc ²⁾ (IP55)	ABB or ExNB: Eurofins ⁴⁾
HXR 355 - 560	II 2 G Ex e II T1-T3 Gb ³⁾ or II 2 G Ex eb II T1-T3 Gb ³⁾	ExNB: Eurofins ⁴⁾
	II 2 G Ex px / e px II T1-T4 Gb ³⁾ or II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	ExNB: Eurofins ⁴⁾
	II 3 G Ex pz / e pz / nA pz II T1-T4 Gc ³⁾ or II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc ³⁾	ABB or ExNB: Eurofins ⁴⁾
	II 3 G Ex nA II T1-T4 Gc ³⁾ or II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or ExNB: VTT ¹⁾ or Eurofins ⁴⁾
	II 3 D Ex tc IIIB T... °C Dc ²⁾ (IP55)	ABB or ExNB: Eurofins ⁴⁾
	II 2 G Ex e II T1-T3 Gb ³⁾ or II 2 G Ex eb II T1-T3 Gb ³⁾	ExNB: Eurofins ⁴⁾
AMH 423	II 2G Ex db/ db eb IIB/IIIC T1-T5 Gb	ExNB: LCIE ⁵⁾
	II 2D Ex tb IIIC T125-150°C Db (IP6x)	ExNB: LCIE ⁵⁾
	II 3D Ex tc IIIB T125-150°C Dc (IP5x)	ABB or ExNB: LCIE ⁵⁾
AMD 355...g... AMD 400...g...	I M2 Ex db I Mb	ExNB: LCIE ⁵⁾
	II 2G Ex db/ db eb/ db ib/ db eb ib IIB/IIIC T1-T5 Gb ⁷⁾	ExNB: TÜV SUD ⁶⁾
	II 2D Ex tb IIIC T125-150°C Db (IP6x)	ExNB: TÜV SUD ⁶⁾
	II 3D Ex tc IIIB T125-150°C Dc (IP5x)	ABB or ExNB: TÜV SUD ⁶⁾
	I M2 Ex db I Mb	ExNB: TÜV SUD ⁶⁾
AMD 450...g... AMD 500...g...	II 2G Ex db/ db eb/ db ib/ db eb ib IIB/IIIC T1-T5 Gb ⁷⁾	ExNB: TÜV SUD ⁶⁾
	II 2D Ex tb IIIC T125-150°C Db (IP6x)	ExNB: TÜV SUD ⁶⁾
	II 3D Ex tc IIIB T125-150°C Dc (IP5x)	ABB or ExNB: TÜV SUD ⁶⁾
	I M2 Ex db I Mb	ExNB: TÜV SUD ⁶⁾
	II 2 G Ex e II T1-T3 Gb ³⁾ or II 2 G Ex eb II T1-T3 Gb ³⁾	ExNB: Eurofins ⁴⁾
	II 2 G Ex px / e px II T1-T4 Gb ³⁾ or II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	ExNB: Eurofins ⁴⁾
AMA 315 - 500	II 3 G Ex pz / e pz / nA pz II T1-T4 Gc ³⁾ or II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc ³⁾	ABB or ExNB: Eurofins ⁴⁾
	II 3 G Ex nA II T1-T4 Gc ³⁾ or II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or ExNB: VTT ¹⁾ or Eurofins ⁴⁾
	II 3 D Ex tc IIIB T... °C Dc ²⁾ (IP55)	ABB or ExNB: Eurofins ⁴⁾
	II 2 G Ex e II T1-T3 Gb ³⁾ or II 2 G Ex eb II T1-T3 Gb ³⁾	ExNB: Eurofins ⁴⁾
	II 2 G Ex px / e px II T1-T4 Gb ³⁾ or II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	ExNB: VTT ¹⁾ or Eurofins ⁴⁾
	II 3 G Ex pz / e pz / nA pz II T1-T4 Gc ³⁾ or II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc ³⁾	ABB or ExNB: VTT ¹⁾ or Eurofins ⁴⁾
AMI 400 – 630	II 3 G Ex nA II T1-T4 Gc ³⁾ or II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or ExNB: VTT ¹⁾ or Eurofins ⁴⁾
	II 3 D Ex tc IIIB T... °C Dc ²⁾ (IP55)	ABB or ExNB: Eurofins ⁴⁾

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AMI 710	II 2 G Ex px / e px II T1-T4 Gb ³⁾ or II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	ExNB: VTT ¹⁾ or Eurofins ⁴⁾
	II 3 G Ex pz / e pz / nA pz II T1-T4 Gc ³⁾ or II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc ³⁾	ABB or ExNB: VTT ¹⁾ or Eurofins ⁴⁾
	II 3 G Ex nA II T1-T4 Gc ³⁾ or II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or ExNB: VTT ¹⁾ or Eurofins ⁴⁾
	II 3 D Ex tc IIIB T... °C Dc ²⁾ (IP55)	ABB or ExNB: Eurofins ⁴⁾
AMI 800-1120	II 2 G Ex px / e px II T1-T4 Gb ³⁾ or II 2 G Ex pxb / eb pxb / e pxb II T1-T4 Gb ³⁾	ExNB: Eurofins ⁴⁾
	II 3 G Ex pz / e pz / nA pz II T1-T4 Gc ³⁾ or II 3 G Ex pzc / eb pzc / ec pzc / e pzc / nA pzc II T1-T4 Gc ³⁾	ABB or ExNB: Eurofins ⁴⁾
	II 3 G Ex nA II T1-T4 Gc ³⁾ or II 3 G Ex ec II T1-T4 Gc ³⁾	ABB or ExNB: Eurofins ⁴⁾

¹⁾ ExNB: VTT Expert Services Oy (537), Kivimiehentie 4, Espoo, Finland

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 Expert Services Oy (537), Kivimiehentie 4, Espoo, Finland, Eurofins has been issued QAN certificate for production quality.

⁵⁾ ExNB: LCIE (0081) 33 Avenue du Général Leclerc BP 8, Fontenay-aux-Roses, France

⁶⁾ ExNB: TÜV SÜD (0948) Via Carducci, 125, pal. 23, 20099 Sesto San Giovanni, Italy

⁷⁾ AMD 500: T1...T4

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