

Manufacturer: KEB AUTOMATION KG
Südstraße 38
32683 Barntrup – Germany

Product: **Frequency Inverter COMBIVERT G6**
yy**G6**xzx - xxxx
yy = 07 ... 19; x = 0-9 or A-Z; z = 0 ... 3

The designated product complies with the following directives and regulations of the European Union:

- 2014/30/EU EMC Directive**
DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility (recast)
- 2014/35/EU Low Voltage Directive**
DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits (recast)
- 2009/125/EC (EU)2019/1781 Ecodesign Directive**
DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products (recast)
- 2011/65/EU RoHS Directive**
DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast)

Further information on compliance with these EU directives and regulations can be found in the annex, which is an integral part of this declaration of conformity. This declaration certifies conformity with the directives and regulations mentioned above, but does not constitute a guarantee of properties. The safety instructions in the supplied product documentation must be carefully observed.

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

Barntrup, December 19th, 2024

Issued by:

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ppa. Dominik Follmann
Head of R&D Electronics
Signiert von: Dominik Follmann

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i.V./p.p. Mario Radtke
Head of Product Conformity Electronics
Signiert von: Mario Radtke

ANNEX 1

The conformity of the designated product with the provisions of the directives and regulations is demonstrated by full compliance with the following standards:

Directive or Regulation	Harmonized standard
EMC Directive 2014/30/EU	EN 61800-3:2004, EN 61800-3:2004/A1:2012 Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods
LVD 2014/35/EU	EN 61800-5-1:2007, EN 61800-5-1:2007/A1:2017 EN 61800-5-1:2007/A11:2021 Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy
RoHS Directive 2011/65/EU	EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Informative standards considered (in parts)

EN IEC 61800-3:2023	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods for PDS and machine tools
EN 61800-9-2:2017	Adjustable speed electrical power drive systems - Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Energy efficiency indicators for power drive systems and motor starters