

EU DECLARATION OF CONFORMITY



Document No. / month.year: ce_dr_rensco-g6-h_en.docx / 01.2022

Manufacturer: KEB Automation KG
Südstraße 38
32683 BARNTRUP
Germany

Product type	Inverter type	yy G6 xxx - xxxx
	Inverter size	yy = 07 up to 19
		x = any number or letter for different versions
	Voltage category	230 / 400 V ac

This declaration of conformity is issued under the sole responsibility of KEB Automation KG.
The above given product is in accordance with the following directives of the European Union

- Number: **EMC : 2014 / 30 / EU**
Text: Directive on the approximation of the laws of the Member States relating to electromagnetic compatibility.
- Number: **Low voltage : 2014 / 35 / EU**
Text: Directive on the approximation of the laws of the Member States relating to all electrical equipment that has a voltage rating between 50V and 1000V AC or 75V and 1500V DC.
- Number: **Eco Design: 2009 / 125 / EC (incl. 2019 / 1781 / EC)**
Text: Directive on the approximation of the laws of the Member States establishing a framework for the setting of ecodesign requirements for energy-related products
- Number: **Hazardous Substances: 2011 / 65 / EEC (incl. 2015 / 863 / EU)**
Text: Directive on the approximation of the laws of the Member States relating on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Responsible: KEB Automation KG
Südstraße 38
32683 BARNTRUP

Place, date Barntrup, 28.12.2021

Issued by:

i. A. W. Hovestadt / Conformance Officer

W. Viele / Technical Manager

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

This declaration certifies the conformity with the named directives, but does not contain any assurance of quality.

The safety instructions, described in the instruction manual are to be followed.

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ANNEX

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Product type	Inverter type	yyG6xxx - xxxx
	Inverter size	yy = 07 up to 19
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	Voltage category	230 / 400 V ac

The conformity of the above given product to:

European Directive 2014/35/EC (for electrical equipment designed for use within certain voltage limits) is given by complete approval / testing to the following European harmonized standards:

- EN 61800-5-1 : Adjustable speed electrical power drive systems – part 5-1: Safety requirements
2017 - Electrical, thermal and energy
- EN 61800-2 : Adjustable speed electrical power drive systems – part 2: general requirements
2015 – rating specifications for low voltage adjustable speed a.c. power drive systems

European Directive 2014/30/EC (for electromagnetic compatibility) is given by complete approval / testing to the following European harmonized standards. Base for the complete approval is the definition of a complete PDS (power drive system). For not exceeding the required limits or minimum levels of immunity it is necessary to use the KEB defined filters and observe the given wiring specifications.

- EN 61800-3: Adjustable speed electrical power drive systems – part 5-1: EMC requirements
2018 and specific test methods

European Directive 2009/125/EC (establishing a framework for the setting of ecodesign requirements for energy-related products) is given by complete approval / testing to the regulation 2019/1781/EU

- Informative: Adjustable speed electrical power drive systems – part 9-2: Ecodesign for power
EN 61800-9-2: drive systems, motor starters, power electronics and their driven applications –
2017 Energy efficiency indicators for power drive systems and motor starters

European Directive 2011/65/EU with changes of 2015/863/EU (for restrictions of the use for certain hazardous substances in electrical and electronic equipment) is given by qualification of components and manufacturing process within the ISO 9001 QM system. The necessary information and declarations are documented and memorized

- EN 63000: 2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

The above given product was developed, manufactured and tested within an internal quality management system. This ISO 9001 QM system was approved by:

Notified body:	TÜV - CERT
Adress:	Zertifizierungsstelle des RWTÜV Steubenstrasse 53 D - 45138 Essen
No. of approval	041 004 500
Dated:	20.10.1994
Valid until:	December 2024