

# EU DECLARATION OF CONFORMITY



Document No. / month.year: ce\_dr\_reseco-f5-n\_en.docx / 01.2022

Manufacturer: KEB Automation KG  
Südstraße 38  
32683 BARNTRUP  
Germany

Product type: Inverter type yy**F5**xxx - xxxx  
Inverter size yy = 03 up to 38  
x = any number or letter for different versions  
Voltage category 230 / 400 / 690V

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 / EC ( 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 Barnttrup, 28.12.2021

Issued by:

i. A. W. Hovestadt / Conformance Officer

W. Wiele / Technical Manager

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 1

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Product type:	Inverter type	yy <b>F5</b> xxx - xxxx
	Inverter size	yy = 03 up to 38
	Voltage category	x = any number or letter for different versions 230 / 400 / 690V

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: 2017	Adjustable speed electrical power drive systems – part 5-1: Safety requirements - Electrical, thermal and energy
EN 61800-2: 2015	Adjustable speed electrical power drive systems – part 2: general requirements – 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. These will be delivered with every product as part 1 of the documents.

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

Informativ: 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
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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
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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