EU DECLARATION OF CONFORMITY

Document No. / month.year: ce_dr_rsafety-g6-e_en / 01.2019

Manufacturer: KEB Automation KG
Südstraße 38
32683 BARNTRUP
Germany

Product type:
- Inverter type: yyG6zzx - xxxx
- Inverter size: yy = 07 up to 19
- Control type: z = A, B, C, D or H, I, K, L
- Voltage category: 230 / 400 V ac

The above given product is in accordance with the following directives of the European Union

Number: Machine: 2006 / 42 / EU
Text: Directive on machinery.

Number: EMC: 2014 / 30 / EU

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.


Responsible: KEB Automation KG
Südstraße 38
32683 BARNTRUP

Place, date: Barntrup, 28. December 2018

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.
EU DECLARATION OF CONFORMITY

ANNEX 1

Document-Nr. / month.year: ce_dr_rsafety-g6-e_en.docx / 01.2019

Product type:

- Inverter type: yyG6xx - xxxx
- Inverter size: yy = 07 up to 19
- Control type: z = A, B, C, D or H, I, K, L
- Voltage category: 230 / 400 V ac

The above given product is in accordance with the following directives of the European Union

2006 / 42 / EU Directive on Maschinery
- Article 2, Definitions: c) Safety component
- Annex V Safety components: 4. Logic units to ensure safety functions

The conformity of the above given product to the European Directive 2006/42/EU (for machinery) is given by complete approval / testing to the following European harmonized standards:

EN - Norm
- EN 61800-5-2 / 2007 Adjustable speed electrical power drive systems – part 5-1: Safety requirements – Functional Safety
- EN61508 – 1 up to 7 / 2010 Functional Safety of electrical, electronic and programmable electronic safety-related systems – Part 1 up to 7

The conformity to above requirements within the standards were approved by:

Notified body: TÜV – Rheinland Industrie Service GmbH
Adress: Zertifizierungsstelle für Maschinen (NB Nr. 0035)
Alboinstrasse 56
D - 12103 Berlin

Number of Certificate: 01 / 205 / 5183.02 / 17 (STO)
Dated: 23.01.2017
Valid until: 29.11.2021

Number of Certificate: 01 / 205 / 5183.01 / 17 (SSM)
Dated: 23.01.2017
Valid until: 28.03.2021
EU DECLARATION OF CONFORMITY

ANNEX 2

Document-Nr. / month.year:    ce_dr_rsafty-g6-e_en.docx / 01.2019

Product type: 
- Inverter type: yyG6zzx - xxxx
- Inverter size: yy = 07 up to 19
- Control type: z = A, B, C, D or H, I, K, L
- Voltage category: 230 / 400 V ac

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

EN - standard
- EN 61800-5-1 / 2007 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

The conformity of the above given product to the European Directive 2014/30/EU (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 - standard
- EN 61800-3 / 2004 +A1 / 2012 Adjustable speed electrical power drive systems – part 5-1: EMC requirements and specific test methods

The conformity of the above given product to the 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.

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 2021