EU DECLARATION OF CONFORMITY

Document No. / month.year:  ce_wp_rsafety-p6-d_en / 01.2019

Manufacturer: KEB Automation KG
Südstraße 38
32683 BARNTRUP
Germany

Product type:
Inverter type  yyP6Gxx – xxxx
Inverter size  yy = 18, 19
Voltage category  400 V ac

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

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. Decembre 2018

Issued by:

i. A. W. Hovestadt / Conformance Officer  W. Wiele / Technical Manager

The annexes are a part of this declaration.
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.
ANNEX 1

Document-Nr. / Month.year: ce_wp_rsafety-p6-d_en / 01.2019

Product type:
Inverter type
yyP6Gxx – xxxx
yyP6Hxx – xxxx
Inverter size
yy = 18, 19
x = any number or letter for different versions
Voltage category
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

Informative for applications with Functional Safety (See special manual for Functional Safety):
EN - standard
EN 61800-5-2 / 2007 Adjustable speed electrical power drive systems – part 5-1: Safety requirements – Functional Safety
EN 62061 / 2005 Safety of Machinery – Functional Safety of safety-related electrical, electronical and programmable electronic control systems
EN ISO 13849-1 / 2008 Safety of Machinery – Safety-related parts of control systems – Part 1: General principles for design
EN ISO 13849-1 / 2012 Safety of Machinery – Safety-related parts of control systems – Part 2: Validation

Informative:
GL 2010 (partly) Guideline for Certification of Wind Turbines

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

Notified body: TÜV – Rheinland Industrie Service GmbH
Adress: Bereich Automation / Funktionale Sicherheit
Am grauen Stein
D – 51105 Köln

No. of Certificate 968 / FSP 1188.01 / 17
Dated: 24.01.2017
Valid until: 22.10.2020
EU DECLARATION OF CONFORMITY

ANNEX 2

Document-Nr. / Month.year: ce_wp_rsafty-p6-d_en / 01.2019

Product type:
- Inverter type: yyP6Gxx – xxxx
- yyP6Hxx – xxxx
- Inverter size: yy = 18, 19
- x = any number or letter for different versions
- Voltage category: 400 V ac

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.

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