

EU Declaration of Conformity

We declare under our sole responsibility the conformity of the products

FSE (Formula Student Electric) RACING KIT 2WD (E1292) and 4WD (E1291) consisting of:

- 2 or 4 pcs. DYNASYN Synchronous-Servomotor DD5-14-10-POW-18600-B5 (A2370DD)
- 1 or 2 pcs. AMKASYN Inverter KW26-S5-FSE-4Q (E1293)

in terms of the EU directives:

- Low Voltage (2014/35/EU)
- RoHS (2011/65/EU) as amended by Directive 2015/863/EU

The following harmonized standards were used for assessment:

RoHS

EN IEC 63000	:2018
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Inverter with controller

The servo converter (inverter with controller) is supplied as an open subsystem. The scope of delivery is limited to the loose circuit boards and the integrated firmware. The supplied open assembly parts are only used for quality testing in our production and an initial functional test by specialist staff at the customer. It is the responsibility of the customer to integrate these loose circuit boards with a suitable housing and suitable cooling into his application / racing car. In doing so, the regulations / standards valid for his area must be applied, particularly with regards to protection against accidental contact and EMC.

Low Voltage

EN 61800-5-1	:2007	+A1:2017	+A11:2021
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Motor

Low Voltage

EN 60034-1	:2010	+AC:2010
EN 60034-5	:2001	+A1:2007
EN 60034-6	:1993	
EN 60034-7	:1993	+A1:2001

Manufacturer:

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Kirchheim unter Teck, 05.04.2023



i.V. Markus Gimmich
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i.V. Dr. Erich Kohlhaas
Head of Development Electronics



i.A. Dipl.-Ing. (FH) Stefan Leimer
CE Officer ¹⁾

- 1) Authorized person to issue this declaration on behalf of the manufacturer and authorized to compile the "technical documents"