

UK 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 UK regulations (and their amendments):

- Electrical Equipment (Safety) Regulations 2016 (UK SI 2016 No. 1101)
- The Restriction of the Use of Certain Hazardous Substances in Electrical Equipment Regulations 2012 (UK SI 2012 No. 3032)

The following designated standards were used for the assessment:

The Restriction of the Use of Certain Hazardous Substances in Electrical Equipment Regulations 2012

EN IEC 63000 :2018

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.

Electrical Equipment (Safety) Regulations 2016

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

Motor

Electrical Equipment (Safety) Regulations 2016

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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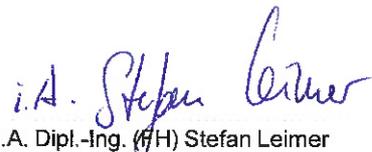
Kirchheim unter Teck, 05.04.2023



i.V. Markus Gummich
Head of Development Motors



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"