

Getriebebau NORD GmbH & Co. KG

Getriebebau-Nord-Str. 1 · 22941 Bargteheide, Germany · Fon +49(0)4532 289 - 0 · Fax +49(0)4532 289 - 2253 · info@nord.com

C330604_4322

Manufacturer's Declaration

Getriebebau NORD GmbH & Co. KG hereby declares that the following listed products

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frequency inverters NORDAC *PRO*

SK 510P, SK 540P, SK 530P with SK CU5-STO or SK CU5-MLT and SK 550P with SK CU5-STO or SK CU5-MLT with the power rating of 7.5, 9.2, 11 kW in size 4 and 15, 18.5, 22 kW in size 5

fulfill the following criteria:

EN 13849-1:2015 Function SS1-t: Category 2 requirement, Performance Level d
Function STO: Category 4 requirement, Performance Level e

EN 61800-5-2:2017 Function SS1-t: SIL 2
Function STO: SIL 3

Description of the product:

The frequency inverter with Safe Torque Off only fulfills in combination with a suitable external switching device and suitable wiring, the safety rating given above.

The Safe Torque Off (STO) / stop category 0 function takes place via STO inputs and meets the requirements of Category 4, Performance Level e and SIL 3.

The delay function for Safe Stop 1 time controlled (SS1-t) / stop category 1 is triggered via the safety digital input and meets the requirements of category 2, performance level d and SIL 2.

Important NOTE:

The observance and implementation of all instructions and technical information from the additional instruction manual BU 0630 "Functional safety" is a basic requirement for the integration and overall assessment of a safety-related function in a machine or system.

Bargteheide, 25.10.2022



pp F. Wiedemann
Head of Frequency Inverters Division