

Attestation of Conformity

This is to certify that the implementation of the safety function "Safe Torque Off" (STO) of the following products comply with the relevant requirements of mentioned standards:

Registration No.: CER-IND1104812504002002R1

Holder of Attestation: Shenzhen INVT Electric Co., Ltd.
INVT Guangming Technology Building, Kejie Fourth Road,
Shutianpu, Matian, Guangming District, Shenzhen, Guangdong,
PEOPLE'S REPUBLIC OF CHINA.

Product: Frequency Converter

Type: Details please refer to the appendix
(HW: PA2412_DR2、PA2412_DR1、PA2413_DR2、PA2413_DR1、
PA2419_DR1、PA2410_DR1、PA2411_DR1, SW: V1.03)

Standard(s): EN ISO 13849-1:2023 (Cat. 3, PL e)
EN IEC 62061:2021 (SIL3)
EN 61800-5-2:2017

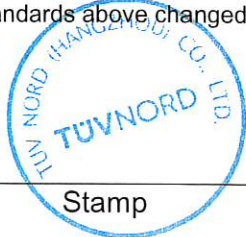
Assessment report No.: CR-IND1104812504002002R1

Date of issue: 20.10.2025

Date of expiry: 19.10.2030

This Attestation of Conformity is based on the evaluation of samples of the above product mentioned. It does not imply an assessment of the production of the product, and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD. The holder may use this attestation together with his EC-Declaration of Conformity. This attestation may be invalid in case the product structures or the directive or standards above changed.


Name and Signature


Stamp



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No.	Type	Power (kW)	Input	Output
1	GD27-5R5G-2-B-EU	5.5	AC 3PH, 200V-240V,25A, 47-63Hz	AC 3PH, 0V-Uinput,20A, 0-599Hz
2	GD27-7R5G-2-B-EU	7.5	AC 3PH, 200V-240V,33A, 47-63Hz	AC 3PH, 0V-Uinput,30A, 0-599Hz
3	GD27-011G-2-B-EU	11	AC 3PH, 200V-240V,44A, 47-63Hz	AC 3PH, 0V-Uinput,42A, 0-599Hz
4	GD27-011G-4-B-EU	11	AC 3PH, 380V-480V,36A, 47-63Hz	AC 3PH, 0V-Uinput,25A, 0-599Hz
5	GD27-015G-4-B-EU	15	AC 3PH, 380V-480V,46A, 47-63Hz	AC 3PH, 0V-Uinput,32A, 0-599Hz
6	GD27-004G-SS2-B-EU	4	AC 1PH, 200V-240V,38A, 47-63Hz	AC 1PH, 0V-Uinput, 30A, 0-599Hz
7	GD27-5R5G-SS2-B-EU	5.5	AC 1PH, 200V-240V,52A, 47-63Hz	AC 1PH, 0V-Uinput, 42A, 0-599Hz
8	GD27-015G-2-B-EU	15	AC 3PH, 200V-240V,60A, 47-63Hz	AC 3PH, 0V-Uinput,55A, 0-599Hz
9	GD27-018G-4-B-EU	18.5	AC 3PH, 380V-480V,57A, 47-63Hz	AC 3PH, 0V-Uinput,38A, 0-599Hz
10	GD27-022G-4-B-EU	22	AC 3PH, 380V-480V,62A, 47-63Hz	AC 3PH, 0V-Uinput,45A, 0-599Hz

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No.	Type	Power (kW)	Input	Output
11	GD28-0R2G-S2	0.4/0.2	Normal Duty AC 1PH, 200V-240V, 5.2A, 47Hz-63Hz Heavy Duty AC 1PH, 200V-240V, 3.9A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 2A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 1.5A, 0Hz-599Hz
12	GD28-0R4G-S2	0.75/0.4	Normal Duty AC 1PH, 200V-240V, 7.4A, 47Hz-63Hz Heavy Duty AC 1PH, 200V-240V, 5.3A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 3.3A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 2.5A, 0Hz-599Hz
13	GD28-0R7G-S2	1.1/0.75	Normal Duty AC 1PH, 200V-240V, 11A, 47Hz-63Hz Heavy Duty AC 1PH, 200V-240V, 8.8A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 5.1A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 4.2A, 0Hz-599Hz
14	GD28-0R2G-2	0.4/0.2	Normal Duty AC 3PH, 200V-240V, 3.3A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 2.2A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 2A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 1.5A, 0Hz-599Hz
15	GD28-0R4G-2	0.75/0.4	Normal Duty AC 3PH, 200V-240V, 5.6A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 4.1A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 3.3A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 2.5A, 0Hz-599Hz
16	GD28-0R7G-2	1.1/0.75	Normal Duty AC 3PH, 200V-240V, 8.1A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 6.8A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 5.1A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 4.2A, 0Hz-599Hz
17	GD28-0R4G-4	0.75/0.4	Normal Duty AC 3PH, 380V-480V, 3.9A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 2.7A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 2A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 1.5A, 0Hz-599Hz
18	GD28-0R7G-4	1.1/0.75	Normal Duty AC 3PH, 380V-480V, 6A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 4.5A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 3.3A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 2.5A, 0Hz-599Hz
19	GD28-1R1G-4	1.5/1.1	Normal Duty AC 3PH, 380V-480V, 6.9A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 5.8A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 3.7A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 3A, 0Hz-599Hz

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20	GD28-1R1G-S2	1.5/1.1	Normal Duty AC 1PH, 200V-240V, 13.4A, 47Hz-63Hz Heavy Duty AC 1PH, 200V-240V, 13.2A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 7.5A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 6.5A, 0Hz-599Hz
21	GD28-1R5G-S2	2.2/1.5	Normal Duty AC 1PH, 200V-240V, 18.8A, 47Hz-63Hz Heavy Duty AC 1PH, 200V-240V, 14.2A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 9.8A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 7.5A, 0Hz-599Hz
22	GD28-2R2G-S2	3/2.2	Normal Duty AC 1PH, 200V-240V, 23.8A, 47Hz-63Hz Heavy Duty AC 1PH, 200V-240V, 20.6A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 12.5A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 10A, 0Hz-599Hz
23	GD28-1R1G-2	1.5/1.1	Normal Duty AC 3PH, 200V-240V, 11.5A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 10.3A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 7.5A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 6.5A, 0Hz-599Hz
24	GD28-1R5G-2	2.2/1.5	Normal Duty AC 3PH, 200V-240V, 11.8A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 9.3A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 9.8A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 7.5A, 0Hz-599Hz
25	GD28-2R2G-2	3/2.2	Normal Duty AC 3PH, 200V-240V, 13.7A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 12A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 12.5A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 10A, 0Hz-599Hz
26	GD28-1R5G-4	2.2/1.5	Normal Duty AC 3PH, 380V-480V, 8.6A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 7.6A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 5.5A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 4.2A, 0Hz-599Hz
27	GD28-2R2G-4	3/2.2	Normal Duty AC 3PH, 380V-480V, 10.4A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 9.62A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 7A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 5.5A, 0Hz-599Hz

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No.	Type	Power (kW)	Input	Output
28	GD28-003G-4	4/3	Normal Duty AC 3PH, 380V-480V, 12.8A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 11.4A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 9.5A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 7.5A, 0Hz-599Hz
29	GD28-004G-4	5.5/4	Normal Duty AC 3PH, 380V-480V, 17.2A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 15.3A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 11.5A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 9.5A, 0Hz-599Hz
30	GD28-004G-S2	4	Heavy Duty AC 1PH, 200V-240V, 32A, 47Hz-63Hz	Heavy Duty AC 3PH, 0V-Uinput, 16A, 0Hz-599Hz
31	GD28-004G-2	5.5/4	Normal Duty AC 3PH, 200V-240V, 26A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 20A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 21A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 16A, 0Hz-599Hz
32	GD28-5R5G-2	7.5/5.5	Normal Duty AC 3PH, 200V-240V, 28A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 21.7A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 26A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 20A, 0Hz-599Hz
33	GD28-5R5G-4	7.5/5.5	Normal Duty AC 3PH, 380V-480V, 28.1A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 22.1A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 18A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 14A, 0Hz-599Hz
34	GD28-7R5G-4	11/7.5	Normal Duty AC 3PH, 380V-480V, 26.8A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 25A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 21A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 18.5A, 0Hz-599Hz
35	GD28-7R5G-2	11/7.5	Normal Duty AC 3PH, 200V-240V, 43A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 33A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 39A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 30A, 0Hz-599Hz
36	GD28-011G-2	11	Heavy Duty AC 3PH, 200V-240V, 44A, 47Hz-63Hz	Heavy Duty AC 3PH, 0V-Uinput, 42A, 0Hz-599Hz

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No.	Type	Power (kW)	Input	Output
37	GD28-011G-4	15/11	Normal Duty AC 3PH, 380V-480V, 46A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 36A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 32A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 25A, 0Hz-599Hz
38	GD28-015G-4	18.5/15	Normal Duty AC 3PH, 380V-480V, 55A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 46A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 38A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 32A, 0Hz-599Hz
39	GD28-015G-2	18.5/15	Normal Duty AC 3PH, 200V-240V, 72A, 47Hz-63Hz Heavy Duty AC 3PH, 200V-240V, 60A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 64A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 55A, 0Hz-599Hz
40	GD28-018G-4	22/18.5	Normal Duty AC 3PH, 380V-480V, 68A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 57A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 45A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 38A, 0Hz-599Hz
41	GD28-022G-4	30/22	Normal Duty AC 3PH, 380V-480V, 72A, 47Hz-63Hz Heavy Duty AC 3PH, 380V-480V, 62A, 47Hz-63Hz	Normal Duty AC 3PH, 0V-Uinput, 58A, 0Hz-599Hz Heavy Duty AC 3PH, 0V-Uinput, 45A, 0Hz-599Hz