

ZERTIFIKAT CERTIFICATE

Hiermit wird bescheinigt, dass die Firma / *This certifies that the company*

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

berechtigt ist, das unten genannte Produkt mit dem abgebildeten Zeichen zu kennzeichnen
is authorized to provide the product mentioned below with the mark as illustrated

Fertigungsstätte
Manufacturing plant address

INVT POWER ELECTRONICS (SUZHOU) CO., LTD.
No.1, KunLunShan Road, Suzhou Science & Technology Tower, Hi-Tech Area, 215153 Suzhou City, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA

Beschreibung des Produktes
(Details s. Anlage 1)
*Description of product
(Details see Annex 1)*

**Frequency Converter
GD28 series**



Geprüft nach
Tested in accordance with

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

Registrier-Nr. / *Registered No.* 44 780 25 406748 - 019
Prüfbericht Nr. / *Test Report No.* TRIND-CUC-C2504002-01/01
Aktenzeichen / *File reference* IND-CUC-C2504002-01

Gültigkeit / *Validity*
von / *from* 28-09-2025
bis / *until* 27-09-2030




TÜV NORD CERT GmbH
Zertifizierungsstelle Konsumgüter

Essen, 2025-09-28

TÜV NORD CERT GmbH Am TÜV 1
Fon +49 (0)201 825 5120

45307 Essen
Fax +49 (0)201 825 3209

www.tuev-nord-cert.de
prodcert@tuev-nord.de

Bitte beachten Sie auch die Hinweise im Anhang
Please also pay attention to the information of the annex

ANLAGE ANNEX

Anlage 1, Seite 1 von 3

Annex 1, page 1 of 3

zum Zertifikat Registrier-Nr. / to Certificate Registration No. 44 780 25 406748 - 019

| | |
|--|-----------------------------|
| Model | GD28 series |
| Rated input voltage: | See product list |
| Rated input frequency | See product list |
| Rated input current: | See product list |
| Output voltage: | See product list |
| Output frequency: | See product list |
| Output current: | See product list |
| Output power: | See product list |
| Weight unit: | See product list |
| Operation mode: | Continuous |
| Protection against electric shock: | Class I |
| Pollution degree: | PD2 |
| IP protection class: | IP20 |
| Mains supply overvoltage category (OVC): | OVC III |
| Intended equipment location: | For building-in (open-type) |
| Supply earthing system: | TN-S, TN-C, TN-C-S and TT |
| Mains connection: | Terminal connection |



TÜV NORD CERT GmbH
Zertifizierungsstelle Konsumgüter

Essen, 2025-09-28

ANLAGE ANNEX

Anlage 1, Seite 2 von 3

Annex 1, page 2 of 3

zum Zertifikat Registrier-Nr. / to Certificate Registration No. 44 780 25 406748 - 019

Product list:

| No | Model | Output Power (kW) Normal/Heavy | Input parameter | Output parameter |
|----|--------------|-----------------------------------|---|---|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |



TÜV NORD CERT GmbH
Zertifizierungsstelle Konsumgüter

Essen, 2025-09-28

ANLAGE ANNEX

Anlage 1, Seite 3 von 3

Annex 1, page 3 of 3

zum Zertifikat Registrier-Nr. / to Certificate Registration No. 44 780 25 406748 - 019

| No | Model | Output Power (kW) Normal/Heavy | Input parameter | Output parameter |
|----|--------------|-----------------------------------|---|--|
| 18 | 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 |
| 19 | 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 |
| 20 | GD28-004G-S2 | 4 | Heavy Duty AC 1PH, 200V-240V, 32A, 47Hz-63Hz | Heavy Duty AC 3PH, 0V-Uinput, 16A, 0Hz-599Hz |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | GD28-011G-2 | 11 | Heavy Duty AC 3PH, 200V-240V, 44A, 47Hz-63Hz | Heavy Duty AC 3PH, 0V-Uinput, 42A, 0Hz-599Hz |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |

Certificate of conformity with the following European Directive

Registered No.:
44 799 25 406748 - 045

Low-Voltage Directive 2014/35/EU

Date of application
26.05.2025

File reference
IND-CUC-C2504002-01

Test report No
TRIND-CUC-C2504002-01/01

Date of issue
28.09.2025

Place of issue
Hangzhou

This is to certify that the following products comply to the essential requirements (Annex I) of the above mentioned European Directive:

Product: Frequency Converter

Type designation: GD28 series
(Details refer to technical report TRIND-CUC-C2504002-01/01)

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

Standard(s): EN 61800-5-1:2007 + A11:2021

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use it together with his EU Declaration of Conformity.


Certification Body
Specialist Manager Consumer Products



TÜV NORD CERT GmbH
Am TÜV 1
D-45307 Essen
Fon: +49 (0)201 825-5120
Fax: +49 (0)201 825-3209
Email: prodcert@tuev-nord.de