



Product Service

Attestation of Conformity

No. N8A 16 06 72237 097

Holder of Certificate: Shenzhen INVT Electric Co., Ltd.

No.4 Building, Gaofa Industrial Park
Longjing, Nanshan District
518055 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

**Product: Electronic frequency converter
(Frequency Inverter)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 682301604301

Date, 2016-06-16

(Alex Kong)



After preparation of the necessary technical documentation as well as the EU conformity declaration the required CE marking can be affixed on the product. That declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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Model(s):

GD10-0R2G-S2, GD10-0R2G-S2-B, GD10-0R4G-S2,
GD10-0R4G-S2-B, GD10-0R7G-S2, GD10-0R7G-S2-B,
GD10-0R2G-2, GD10-0R2G-2-B, GD10-0R4G-2,
GD10-0R4G-2-B, GD10-0R7G-2, GD10-0R7G-2-B,
GD10-1R5G-S2, GD10-1R5G-S2-B, GD10-2R2G-S2,
GD10-2R2G-S2-B, GD10-1R5G-2, GD10-1R5G-2-B,
GD10-2R2G-2, GD10-2R2G-2-B, GD10-0R7G-4,
GD10-0R7G-4-B, GD10-1R5G-4, GD10-1R5G-4-B,
GD10-2R2G-4, GD10-2R2G-4-B

Parameters:

Rated Input	:	See page 3 for details
Rated Output	:	See page 3 for details
Protection Class:		I
Degree of Protection :		IP20
Construction	:	Built-in

Remarks :

- When installing the equipment, all requirements of the mentioned standard must be fulfilled and it should be suitably installed in closed electrical operation area, and fire/mechanical protection enclosure shall be provided.
- The maximum operating temperature is 50 degree C
- The input and output circuits were considered as DVC C circuits and signal circuit was considered as DVC A circuit.
- TN-S, TN-C, TN-C-S and TT (not corner earthed) power systems were evaluated.
- The frequency inverter has no overcurrent protective device. For safety operation, a suitable external circuit breaker must be employed before installation.

**Tested
according to:**

EN 61800-5-1:2007

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Model No.	Rated Input	Rated Output
GD10-0R2G-S2	AC 1PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 1.6A 0Hz-400Hz
GD10-0R2G-S2-B	4.9A 47Hz-63Hz	
GD10-0R4G-S2	AC 1PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 2.5A 0Hz-400Hz
GD10-0R4G-S2-B	6.5A 47Hz-63Hz	
GD10-0R7G-S2	AC 1PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 4.2A 0Hz-400Hz
GD10-0R7G-S2-B	9.3A 47Hz-63Hz	
GD10-0R2G-2	AC 3PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 1.6A 0Hz-400Hz
GD10-0R2G-2-B	1.9A 47Hz-63Hz	
GD10-0R4G-2	AC 3PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 2.5A 0Hz-400Hz
GD10-0R4G-2-B	2.7A 47Hz-63Hz	
GD10-0R7G-2	AC 3PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 4.2A 0Hz-400Hz
GD10-0R7G-2-B	4.9A 47Hz-63Hz	
GD10-1R5G-S2	AC 1PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 7.5A 0Hz-400Hz
GD10-1R5G-S2-B	15.7A 47Hz-63Hz	
GD10-2R2G-S2	AC 1PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 10A 0Hz-400Hz
GD10-2R2G-S2-B	24A 47Hz-63Hz	
GD10-1R5G-2	AC 3PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 7.5A 0Hz-400Hz
GD10-1R5G-2-B	9.0A 47Hz-63Hz	
GD10-2R2G-2	AC 3PH 220V(-15%)-240V(+10%)	AC 3PH 0V-Uinput 10A 0Hz-400Hz
GD10-2R2G-2-B	15A 47Hz-63Hz	
GD10-0R7G-4	AC 3PH 380V(-15%)-440V(+10%)	AC 3PH 0V-Uinput 2.5A 0Hz-400Hz
GD10-0R7G-4-B	3.2A 47Hz-63Hz	
GD10-1R5G-4	AC 3PH 380V(-15%)-440V(+10%)	AC 3PH 0V-Uinput 4.2A 0Hz-400Hz
GD10-1R5G-4-B	4.3A 47Hz-63Hz	
GD10-2R2G-4	AC 3PH 380V(-15%)-440V(+10%)	AC 3PH 0V-Uinput 5.5A 0Hz-400Hz
GD10-2R2G-4-B	7.1A 47Hz-63Hz	