

EU Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Manufacturer

Fuji Electric Co., Ltd
5520, Minami Tamagaki-cho, Suzuka-city, Mie 513-8633, Japan

Product identification

Product : Inverter and Options for inverter (FRENIC-MEGA)

Brand : Fuji Electric

Model/type :

FRN0.4G1S-2■* to FRN90G1S-2■*, FRN0.4G1S-4■* to FRN630G1S-4■*
FRN0.4G1U-2■* to FRN90G1U-2■*, FRN0.4G1U-4■* to FRN630G1U-4■*
FRN0.4G1E-2■* to FRN90G1E-2■*, FRN0.4G1E-4■* to FRN630G1E-4■*
FRN0.4G1F-2■* to FRN90G1F-2■*, FRN0.4G1F-4■* to FRN630G1F-4■*
FRN5.5G1H-2■* to FRN55G1H-2■*, FRN5.5G1H-4■* to FRN55G1H-4■*
FRN5.5G1G-2■* to FRN55G1G-2■*, FRN5.5G1G-4■* to FRN55G1G-4■*
FRNF50G1S-2■* to FRN150G1S-2■*, FRNF50G1S-4■* to FRN1000G1S-4■*
FRN007G1H-2■* to FRN100G1H-2■*, FRN007G1H-4■* to FRN100G1H-4■*
FRN□GX1□-□■* Series (□: Combinations of characteristics are the same as above.)

OPC-G1 -PDP*, -DEV*, -CCL*, -COP*, -TL*, -SX*, -RY*, -PG/SY*, -PG2*, -DI*,
-DO*, -AIO*, -PMPG*, -PG22*, -PDP2*

TP-G1*

OPC-ETH*, -AO*, -PRT2*

■,*: may be followed by any letter(s) and/or number(s).

Above listed products are in accordance with the regulations of following council directives and their amendments:

Electromagnetic Compatibility Directive : 2014/30/EU
Low Voltage Directive : 2014/35/EU
Machinery Directive (■ : A,E,U,JSF,HF only) : 2006/42/EC
RoHS 2 Directive : 2011/65/EU

For assessment of conformity the following relevant standards have been taken into consideration.

EMC : EN61800-3: 2004 +A1:2012
Electrical Safety : EN61800-5-1: 2007
Functional Safety : EN61800-5-2: 2017 SIL2, EN ISO13849-1/2:2015 PL=d,
(■ : A,E,U,JSF,HF only) Cat.3 Safe Torque Off, stop cat. 0
RoHS 2 : EN50581: 2012, EN IEC 63000: 2018

The conformity with regulations of the relevant standard has been, as far as required, certified by notified body of European Union.

Functional Safety:	Notified body(Number)	IMQ Istituto Italiano del Marchio di Qualità S.P.A. (0051)
	Address	Via Quintiliano, 43, 20138 MILANO, Italy
	Type-examination certificate number (Date of issue)	IMQ CU 526 DM Rev.1 (31 - Oct - 2019)
EMC:	Notified body(Number)	PHOENIX TESTLAB GmbH (0700)
	Address	Königswinkel 10 D-32825 Blomberg, Germany
	Type-examination certificate number (Date of issue)	18-111802 (30 - Apr - 2019)

Year of appending CE mark for LVD: 2008

Fuji Electric Co.,Ltd
Suzuka factory



Place / Date: Suzuka / 2020-9-9

O. Ito

Osamu Ito

Senior Manager of Electronic Equipment Dept.

This declaration verifies the accordance with the mentioned standards, but retains no assurance of properties.
The safety- and installation instructions of the product documentation which is included in the shipping have to be considered.

SI27-4886o