



EC Declaration of Conformity

We hereby declare that the following products are in conformity with the requirements of the following EC Directive:

Product: Inverter
 Type: 3G3RV series (refer to appending types list)
 Title and No. of Directive: EMC Directive 89/336/EEC, 91/263/EEC, 92/31/EEC, 93/68/EEC
 Low Voltage Directive 73/23/EEC, 93/68/EEC

At each stage of the manufacturing process, from the component to the apparatus or system, each manufacturer has the responsibility to apply the EC Directive.

As the Basic Drive Module manufacturer, we are responsible for the provision of installation guidelines that will assist the manufacturer of the apparatus, system or installation to achieve compliance. The installation guideline is available from OMRON as "Making SYSDRIVE Inverters Conform to EC Directive".

Also we have tested in an approved EC laboratory, our product range and declare the following standards are applicable.

Applicable standard

EMI(Electromagnetic Interference):

The limits and requirements according to product standard EN61800-3 dd.1996 and EN61800-3 A11 dd.2000-01

Conducted/Radiated: EN55011,2000-05

EMS(Electromagnetic Susceptibility):

The limits and requirements according to product standard EN61800-3 dd.1996 and EN61800-3 A11 dd.2000-01

ESD: EN61000-4-2,1995-03

RF EM Field: EN61000-4-3,1997

Fast Transient: EN61000-4-4,1995-03

Slow Transient: EN61000-4-5,1995-03

RF common mode: EN61000-4-6,1996-07

Electromagnetic Radiation CISPR11 dd.1997

Disturbances:

Voltage changes, fluctuations, EN61000-4-11,1994

dips, short Interruptions:

Frequency Variations: VDE0847 Part4-28,1997

Harmonics and Interharmonics: VDE0847 Part4-13,1996

Voltage Unbalance: IEC1000-4-27,1997 IEC61000-2-1,1994



LVD(Low Voltage Directive):

EN50178:1997

All models except for the open chassis models specified in the list. Purchaser installs the open chassis models into another enclosure.

The year in which the CE marking was affixed: 99

****note****

The installation guidelines, " Making Sysdrive Frequency Inverters Conform to EC Directive", is an OMRON publication and is free on request. A specific information for 3G3RV installation is written in the users manual (Cat No. I532).

Manufacturer:

Name: OMRON Corporation, Industrial Automation Company,
FA System Division H.Q.
Address: 66 Matsumoto, Mishima-City Shizuoka-pref., 411-8511 JAPAN
Date: 2002/Jul/04
Signed: K. Kihira
K.Kihira
Senior General Manager, FA Systems Division HQ.

Representative in EU:

Name: OMRON Europe B.V. Automation & Drive Business Unit
Address: Zilverenberg 2, 5221 HB 's-Hertogenbosch
THE NETHERLANDS
Date: 29.07.02
Signed: F. Grebici
F.Grebici
General Manager



3G3RV series Type List for EC Directive

NEMA1 model

Amendment-E : June 2002

200V type		400V type (*Marked)	
3G3RV-A2004	3G3RV-A2004-E	3G3RV-A4004	3G3RV-A4004-E
3G3RV-A2007	3G3RV-A2007-E	3G3RV-A4007	3G3RV-A4007-E
3G3RV-A2015	3G3RV-A2015-E	3G3RV-A4015	3G3RV-A4015-E
3G3RV-A2022	3G3RV-A2022-E	3G3RV-A4022	3G3RV-A4022-E
3G3RV-A2037	3G3RV-A2037-E	3G3RV-A4037	3G3RV-A4037-E
3G3RV-A2055	3G3RV-A2055-E		3G3RV-A4040-E
3G3RV-A2075	3G3RV-A2075-E	3G3RV-A4055	3G3RV-A4055-E
3G3RV-A2110	3G3RV-A2110-E	3G3RV-A4075	3G3RV-A4075-E
3G3RV-A2150	3G3RV-A2150-E	3G3RV-A4110	3G3RV-A4110-E
3G3RV-A2185	3G3RV-A2185-E	3G3RV-A4150	3G3RV-A4150-E
	3G3RV-A2220-E	3G3RV-A4185	3G3RV-A4185-E
	3G3RV-A2300-E		3G3RV-A4220-E
	3G3RV-A2370-E		3G3RV-A4300-E
	3G3RV-A2450-E		3G3RV-A4370-E
	3G3RV-A2550-E		3G3RV-A4450-E
	3G3RV-A2750-E		3G3RV-A4550-E
			3G3RV-A4750-E
			3G3RV-A4900-E
			3G3RV-A411K-E
			3G3RV-A413K-E
			3G3RV-A416K-E

Open chassis model

200V type		400V type	
3G3RV-B2220	3G3RV-B2220-E	3G3RV-B4220	3G3RV-B4220-E
3G3RV-B2300	3G3RV-B2300-E	3G3RV-B4300	3G3RV-B4300-E
3G3RV-B2370	3G3RV-B2370-E	3G3RV-B4370	3G3RV-B4370-E
3G3RV-B2450	3G3RV-B2450-E	3G3RV-B4450	3G3RV-B4450-E
3G3RV-B2550	3G3RV-B2550-E	3G3RV-B4550	3G3RV-B4550-E
3G3RV-B2750	3G3RV-B2750-E	3G3RV-B4750	3G3RV-B4750-E
3G3RV-B2900	3G3RV-B2900-E	3G3RV-B4900	3G3RV-B4900-E
3G3RV-B211K	3G3RV-B211K-E	3G3RV-B411K	3G3RV-B411K-E
		3G3RV-B413K	3G3RV-B413K-E
		3G3RV-B416K	3G3RV-B416K-E