



Product Service

CERTIFICATE

No. Z10 17 02 22733 046

Holder of Certificate: **Yaskawa Electric Corporation**
Inverter Plant

2-13-1 Nishimiyaichi
Yukuhashi, Fukuoka
824-8511 JAPAN

Certification Mark:



Product: **AC Servo Systems**
AC Inverter

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: YY90521T

Valid until: 2022-02-19

Date, 2017-02-20 (Peter Weiss)

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Model(s): **CIMR-V1000 series**
For nomenclature see attachment

Parameters:

Rated voltage:	200 to 240 V 3ac 200 to 240 V ac 380 to 480 V 3ac
Rated frequency:	50 / 60 Hz
Rated input current:	200 Vac: 1.2 to 17.5 A 200 V3ac: 1.2 to 69 A 400 V3ac: 1.2 to 38 A
Overvoltage category:	III
Protective class:	I
Remark:	When installing/inserting the equipment all requirements of the mentioned test standards must be fulfilled.

Tested according to:

- 2006/42/EC
- IEC 61508-1(ed.2) (SIL 2)
- IEC 61508-2(ed.2) (SIL 2)
- IEC 61508-4(ed.2) (SIL 2)
- EN 61508-1:2010 (SIL 2)
- EN 61508-2:2010 (SIL 2)
- EN 61508-4:2010 (SIL 2)
- ISO 13849-1:2015 (Cat. 3, PL d)
- EN ISO 13849-1:2015 (Cat. 3, PL d)
- EN 61800-3(ed.2);am1
- EN 61800-3:2004/A1:2012
- IEC 61800-5-1(ed.2)
- EN 61800-5-1:2007

Factory(ies): 42802, 63989, 51347, 38663, 76296



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Nomenclature of V1000 series

$\frac{\text{CIMR-}}{\text{A}}$ $\frac{\text{V}}{\text{B}}$ $\frac{\text{A}}{\text{C}}$ $\frac{\text{2}}{\text{D}}$ $\frac{\text{A}}{\text{E}}$ $\frac{\text{0001}}{\text{F}}$ $\frac{\text{B}}{\text{G}}$ $\frac{\text{A}}{\text{H}}$ $\frac{\text{*}}{\text{J}}$

- A: General purpose Inverter
- B: Basic name of Inverter Series
V: V1000 Series
- C: Regional specification for initial software setting and I/O terminal setting
Put any alphabet for regional setting
- D: Rated Voltage
B: 200Vac
2: 200V3ac
4: 400V3ac
- E: Customer Specification
Any alphabet for a customer specification such as software initial setting, enclosure colour.
- F: Rated output

200Vac

Normal duty use (120% load 1 minute)			Heavy-duty use (150% load 1 minute)		
Model	Rated current (A)	Maximum applicable motor (KW)	Model	Rated current (A)	Maximum applicable motor (KW)
0001	1,2	0,18	0001	0,8	0,1
0002	1,9	0,37	0002	1,6	0,2
0003	3,3	0,75	0003	3,0	0,4
0006	6,0	1,1	0006	5,0	0,75
0010	9,6	2,2	0010	8,0	1,5
0012	12,0	3,0	0012	11,0	2,2
0018	-	-	0018	17,5	4,0

200V3ac

Normal duty use (120% load 1 minute)			Heavy-duty use (150% load 1 minute)		
Model	Rated current (A)	Maximum applicable motor (KW)	Model	Rated current (A)	Maximum applicable motor (KW)
0001	1,2	0,18	0001	0,8	0,1
0002	1,9	0,37	0002	1,6	0,2
0004	3,5	0,75	0004	3,0	0,4
0006	6,0	1,1	0006	5,0	0,75
0008	8,0	1,5	0008	6,9	1,1
0010	9,6	2,2	0010	8,0	1,5
0012	12,0	3,0	0012	11,0	2,2



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0018	17,5	3,7	0018	14,0	3,0
0020	19,6	5,5	0020	17,5	4,0
0030	30	7,5	0030	25,0	5,5
0040	40	11,0	0040	33,0	7,5
0056	56	15,0	0056	47,0	11,0
0069	69	18,5	0069	60,0	15,0

400V3ac

Normal duty use (120% load 1 minute)			Heavy-duty use (150% load 1 minute)		
Model	Rated current (A)	Maximum applicable motor (KW)	Model	Rated current (A)	Maximum applicable motor (KW)
0001	1,2	0,37	0001	1,2	0,2
0002	2,1	0,75	0002	1,8	0,4
0004	4,1	1,5	0004	3,4	0,75
0005	5,4	2,2	0005	4,8	1,5
0007	6,9	3,0	0007	5,5	2,2
0009	8,8	3,7	0009	7,2	3,0
0011	11,1	5,5	0011	9,2	4,0
0018	17,5	7,5	0018	14,8	5,5
0023	23,0	11,0	0023	18,0	7,5
0031	31,0	15,0	0031	24,0	11,0
0038	38,0	18,5	0038	31,0	15,0

G: Enclosure

- A: IP00
- B: IP20
- E: C3 filter installed
- F: With upper cover and bottom cover
- G: IP66/without filter (NEMA4)
- H: IP66/with C1 or C2 filter
- J: IP20 finless
IP20/Heat-sink less (excl. 0069) for finless bigger
- L: IP00/Heat-sink less with upper cover and bottom cover
(for 0069 only) for finless bigger

H: Countermeasure for air pollution

- A: Standard
- B to Z: Countermeasure for air pollution

J: Design version