



Product Service

# CERTIFICATE

No. Z10 16 03 22733 039

**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.:** 717501620

**Valid until:** 2021-04-06

**Date,** 2016-04-08 ( Matthias Ramold )



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Product Service

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**Model(s):** CIMR-A1000 Series  
For nomenclature see attachment

**Parameters:**

Rated voltage:	200 to 240V3ac 380 to 480V3ac
Rated frequency:	50/60Hz
Rated input current:	3.9 to 471A 2.1 to 1158A
Overvoltage category:	III
Protective class:	I

**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 13849-1:2008/AC:2009 (Cat. 3, PL d)
- IEC 61800-3(ed.2);am1
- EN 61800-3:2004/A1:2012
- IEC 61800-5-1(ed.2)
- EN 61800-5-1:2007
- IEC 61800-5-2(ed.1)
- EN 61800-5-2:2007
- EN 61000-6-2:2005

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



Product Service

# ATTACHMENT

to certificate

**No. Z10 16 03 22733 039**

## Nomenclature of CIMR-A1000 Series

CIMR-      A      A      2      A      0004      A      A      \*  
 A            B           C           D           E           F           G           H           J

- A      General purpose Inverter
- B      Basic name of Inverter Series  
 A:      A1000 Series
- C      Regional specification for initial software setting and I/O terminal setting  
 Put any alphabet for regional setting
- D      Rated Voltage  
 2:      200V3ac  
 4:      400V3ac
- E      Customer Specification putting any alphabet for a customer specification such as software initial setting, special software and enclosure color.
- F      Rated output  
 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)
0004	3,5	0,75	0004	3,2	0,4
0006	6	1,1	0006	5	0,75
0008	8	1,5	0008	6,9	1,1
0010	9,6	2,2	0010	8	1,5
0012	12	3	0012	11	2,2
0018	17,5	3,7	0018	14	3
0021	21	5,5	0021	17,5	3,7
0030	30	7,5	0030	25	5,5
0040	40	11	0040	33	7,5
0056	56	15	0056	47	11
0069	69	18,5	0069	60	15
0081	81	22	0081	75	18,5
0110	110	30	0110	85	22
0138	138	37	0138	115	30
0169	169	45	0169	145	37
0211	211	55	0211	180	45
0250	250	75	0250	215	55
0312	312	90	0312	283	75
0360	360	110	0360	346	90
0415	-	-	0415	415	110



400V3ac

Product Service

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)
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	0007	5,5	2,2
0009	8,8	3,7	0009	7,2	3
0011	11,1	5,5	0011	9,2	3,7
0018	17,5	7,5	0018	14,8	5,5
0023	23	11	0023	18	7,5
0031	31	15	0031	24	11
0038	38	18,5	0038	31	15
0044	44	22	0044	39	18,5
0058	58	30	0058	45	22
0072	72	37	0072	60	30
0088	88	45	0088	75	37
0103	103	55	0103	91	45
0139	139	75	0139	112	55
0165	165	90	0165	150	75
0208	208	110	0208	180	90
0250	250	132	0250	216	110
0296	296	160	0296	260	132
0362	362	185	0362	304	160
0414	414	220	0414	370	185
0515	515	250	0515	450	220
0675	675	355	0675	605	315
0930	930	500	0930	810	450
1200	1200	630	1200	1090	560

- G Enclosure
  - A: IP00
  - F: IP20 (NEMA1 excl. 2x0415)
  - J: IP20 finless (only bottom cover from 4x0058 to 4x0208)
  - L: IP00 finless (only bottom cover from 4x0103 to 4x0208)
  
- H Countermeasure for air pollution  
"A" through "Z"
  
- J Design version  
"A" through "Z"

Department: TR-RA/MUC  
Date: 2016-04-08