



Product Service

CERTIFICATE

No. Z10 022733 0038 Rev. 01

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: YY96363C

Valid until: 2026-02-11

Date, 2021-02-15

(Christian Dirmeier)



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Parameters:

Rated voltage: 200 to 240 V3AC
380 to 480 V3AC

Rated frequency: 50/60 Hz

Rated output current: 22 to 248 A (200 V 3-phase)
9.6 to 930 A (400 V 3-phase)

Methods: acc. to EN 81-20:2020
Clause 5.9.2.5.4 d
Clause 5.9.3.4.2 d

Tested according to:

ISO 13849-1:2015
EN ISO 13849-1:2015
IEC 61508-1:2010 (SIL 3)
IEC 61508-2:2010 (SIL 3)
EN 61508-1:2010 (SIL 3)
EN 61508-2:2010 (SIL 3)
IEC 62061:2005
IEC 62061:2005/AMD1:2012
IEC 62061:2005/AMD2:2015
EN 62061:2005/A2:2015
IEC 61800-5-1:2007
IEC 61800-5-1:2007/AMD1:2016
EN 61800-5-1:2007/A1:2017
IEC 61800-5-2:2016
EN 61800-5-2:2017
IEC 61326-3-1:2017
EN 61326-3-1:2017
IEC 61000-6-7:2014
EN 61000-6-7:2015
EN 61800-3:2004/A1:2012

Model(s): CIMR-U1000 Series

Nomenclature of CIMR-U1000 Series

CIMR- U * * * **** **A** * *
A **B** **C** **D** **E** **F** **G** **H** **J**

- A General purpose Inverter
- B Basic name of Inverter Series
U: U1000 Series, U1000L Series
- C Regional specification for initial software setting (non-safety related)
 - A: Japan Spec.
 - B: China Spec.
 - C: Europe Spec.
 - D: India Spec.
 - U: USA Spec.
 - T: Asia Spec.
 - Y: YSAD Spec.

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D Rated Voltage

2: 200V3ac

4: 400V3ac

E Customer Specification (non-safety related)

A: Standard model

E: Internal EMC-filter model

H: Hitachi corp. model

P: Internal +24V power supply model

W: Internal EMC-filter and Internal +24V power supply model

L: Elevator application model

F: Internal EMC-filter model for elevator application model

R: Internal +24V power supply model for elevator application model

S: Internal EMC-filter and Internal +24V power supply model for elevator application model

F Rated output

E (Customer Specification): A,E,H,P,W

D:2 (200V 3phase)			
Normal duty use (120% load 1 minute)		Heavy duty use (150% load 1 minute)	
Model	Rated current (A)	Model	Rated current (A)
0028	28	0028	22
0042	42	0042	28
0054	54	0054	42
0068	68	0068	54
0081	81	0081	68
0104	104	0104	81
0130	130	0130	104
0154	154	0154	130
0192	192	0192	154
0248	248	0248	192

D:4 (400V 3phase)			
Normal duty use (120% load 1 minute)		Heavy duty use (150% load 1 minute)	
Model	Rated current (A)	Model	Rated current (A)
0011	11	0011	9.6
0014	14	0014	11
0021	21	0021	14
0027	27	0027	21
0034	34	0034	27

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0040	40	0040	34
0052	52	0052	40
0065	65	0065	52
0077	77	0077	65
0096	96	0096	77
0124	124	0124	96
0156	156	0156	124
0180	180	0180	156
0216	216	0216	180
0240	240	0240	216
0302	302	0302	240
0361	361	0361	302
0414	414	0414	361
0477	477	0477	414
0590	590	0590	477
0720	720	0720	590
0900	900	0900	720
0930	930	0930	900

E (Customer Specification): L,F,R,S

D:2 (200V 3phase)	
Model	Rated current (A)
0022	22
0028	28
0042	42
0054	54
0068	68
0081	81
0104	104
0130	130
0154	154
0192	192

D:4 (400V 3phase)	
Model	Rated current (A)
0010	9.6
0011	11
0014	14
0021	21
0027	27
0034	34
0040	40
0052	52



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0065	65
0077	77
0096	96
0124	124
0156	156
0180	180
0216	216
0240	240
0302	302
0361	361
0414	414
0477	477
0590	590
0720	720
0900	900

- G Enclosure
A: IP00

- H Countermeasure for air pollution
A: Standard
B to Z: Countermeasure for air pollution (non-safety relevant)

- J Yaskawa internal design version (non-safety relevant)
Put any alphabet for a design version