



Product Service

CERTIFICATE

No. Z10 022733 0038 Rev. 02

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: 2028-08-27

Date, 2023-08-29

(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)
Safety function:	STO SIL 3 acc. IEC/EN 61508 maximum SIL 3 acc. EN IEC 62061 Cat. 3 PL e acc. to EN ISO 13849-1

Tested according to:

- EN ISO 13849-1:2015
- IEC 61508-1:2010
- EN 61508-1:2010
- IEC 61508-2:2010
- EN 61508-2:2010
- IEC 62061:2021
- EN IEC 62061:2021
- EN 61800-5-1:2007/A11:2021
- EN 61800-5-2:2007
- 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

Model(s): **CIMR-U1000 Series**

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Nomenclature of U1000 Series

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

Basic Code

A: General purpose Inverter

Group	Model
CIMR	Yaskawa COSMOS series inverter

B: Basic name of Inverter Series

Group	Model
U	U1000 Series

C: Regional specification for initial software setting (non-safety related)

Group	Model
A to Z	Regional specification for initial software setting

D: Rated Voltage

Group	Model
2	200V 3-phase
4	400V 3-phase

E: Customer Specification (non-safety related)

Group	Model
A	Standard model
E	Internal EMC-filter model
F	Internal EMC-filter model for Elevator Application model
H	Hitachi comp. model
L	Elevator Application model
P	Internal +24V power supply 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
W	Internal EMC-filter and Internal +24V power supply model

F: Rated output current

D: 2(200V 3phase)

E: A,E,H,P,W

Model: U1000	Rating(HD) Output Current[A]
0028	22
0042	28
0054	42
0068	54
0081	68
0104	81
0130	104
0154	130
0192	154
0248	192

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E: F,L,R,S

Model: U1000	Rating(HD) Output 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)

E: A,E,H,P,W

Model: U1000	Rating (HD) Output Current [A]
0011	9.6
0014	11
0021	14
0027	21
0034	27
0040	34
0052	40
0065	52
0077	65
0096	77
0124	96
0156	124
0180	156
0216	180
0240	216
0302	240
0361	302
0414	361
0477	414
0590	477
0720	590
0900	720
0930	900

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E: F,L,R,S

Model: U1000	Rating (HD) Output Current [A]
0010	9.6
0011	11
0014	14
0021	21
0027	27
0034	34
0040	40
0052	52
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

Group	Model
A	IP00
C	IP20 (finger protection)
D	IP00 (with top-cover)
F	NEMA type1 / IP20
T	IP54 box-type
U	NEMA12 READY-type

H: Environmental Specification (non-safety related)

Group	Model
A	Standard (Conformal coating PCB)
B to Z	Put any alphabet for an Environmental Specification

I: Design Spec (non-safety related)

Group	Model
A to Z	Put any alphabet for a Design Spec