

# Zertifikat Certificate



Zertifikat Nr. Certificate No.  
R 50217176

Blatt Page  
0001

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

Ausstellungsdatum

Date of Issue  
(day/mo/yr)

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ZO-HIM- 12309997 001

13.12.2011

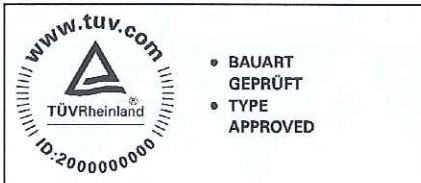
## Genehmigungsinhaber License Holder

Mitsubishi Electric Corp.  
Nagoya Works  
1-14, Yada-minami 5-chome  
Higashi-ku, Nagoya-shi, Aichi  
461-8670 JAPAN

## Fertigungsstätte Manufacturing Plant

Mitsubishi Electric Corp.  
Nagoya Works  
1-14, Yada-minami 5-chome  
Higashi-ku, Nagoya-shi, Aichi  
461-8670 JAPAN

## Prüfzeichen Test Mark



## Geprüft nach Tested acc. to

EN 61800-5-1:2007  
IEC 61800-5-1:2007

Zertifiziertes Produkt (Geräteidentifikation)  
Certified Product (Product Identification)

Lizenzentgelte - Einheit  
License Fee - Unit

## Steuergerät Servo Drive Unit

Type Designation : MR-J4-uvw-xyz 5  
MR-J4W2-uvw-xyz 1  
MR-J4W3-uvw-xyz 1  
for details  
u, v, w, x, y, z = (see Appendix 1) 6  
Rated Voltage : 3AC 200-240V, 50/60Hz or  
AC 200-240V, 50/60Hz  
Rated Current : (see Appendix 1)  
Protection Class : I  
Rated Output Values : 3AC 170V 360Hz  
Ambient Temperature : 0°C to 55°C  
Overvoltage Category: III(3AC 200-240V) or II(AC 200-240V)  
Pollution Degree : 2

Remarks: Power circuits and secondary control circuits  
provide protective separation.  
The unit must be installed in accordance with  
the manufacturer's instructions.

ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.  
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.



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Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg  
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com  
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Dipl.-Ing. M. Geiser

**PRODUCT CONSTRUCTIONAL DATA FORM (CDF)**

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TÜV Rheinland, Product Safety GmbH  
Am Grauen Stein, D – 51105 Köln

Requirement(s)  
**EN 61800-5-1**

Certificate No(s).  
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Attachment  
1.0

**Type Designation**

[Servo drive unit]

**MR - J4- uvw – xyz**

- u stands for: 10, 20, 40, 60, 70, 100, 200, 350, 500 or 700
- v stands for: A or B
- w stands for: Blank
- x stands for: Blank or  
Any combination of EA, EB, ED, EE, EG, EH, ES, FG, FH, FR, FS, Kn, Ln, Mn, Nn, Pn, Qn or Rn (n= alphabet).
- y stands for: Blank or  
Sn (n=00 – 999).
- z stands for: Blank or  
Any combination of Tx, Ux, Vx, Wx, Xx, Yx or Zx (x= Special Parameter Number: Blank, 00 - 999).

**MR - J4W2- uvw – xyz**

- u stands for: 22, 44, 77 or 1010
- v stands for: B
- w stands for: Blank
- x stands for: Blank or  
Any combination of EA, EB, ED, EE, EG, EH, ES, FG, FH, FR, FS, Kn, Ln, Mn, Nn, Pn, Qn or Rn (n= alphabet).
- y stands for: Blank or  
Sn (n=00 – 999).
- z stands for: Blank or  
Any combination of Tx, Ux, Vx, Wx, Xx, Yx, Zx (x= Special Parameter Number: Blank, 00 - 999).

**MR - J4W3- uvw – xyz**

- u stands for: 222 or 444
- v stands for: B
- w stands for: Blank
- x stands for: Blank or  
Any combination of EA, EB, ED, EE, EG, EH, ES, FG, FH, FR, FS, Kn, Ln, Mn, Nn, Pn, Qn or Rn (n= alphabet).
- y stands for: Blank or  
Sn (n=00 – 999).
- z stands for: Blank or  
Any combination of Tx, Ux, Vx, Wx, Xx, Yx, Zx (x= Special Parameter Number: Blank, 00 - 999).

TÜV Rheinland Japan



**MITSUBISHI ELECTRIC CORPORATION  
NAGOYA WORKS**

Date  
**9 December, 2011**

(stamp and signature of applicant)

**Takeo Enomoto, Deputy Manager**



# PRODUCT CONSTRUCTIONAL DATA FORM (CDF)

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TÜV Rheinland, Product Safety GmbH  
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**Specifications**

Table 2-1: Rated current

MR-J4-u	10	20	40	60	70	100	200	350	500	700
Rated output current	1.1A	1.5A	2.8A	3.2A	5.8A	6.0A	11.0A	17.0A	28.0A	37.0A
Rated input current (3-phase / 1-phase)	0.9A / 1.5A	1.5A / 2.5A	2.6A / 4.5A	2.9A / 5.0A	3.8A / 6.5A	5.0A / -	10.5A / -	16.0A / -	21.7A / -	28.9A / -

MR-J4W2-u	22		44		77		1010	
Axis	A	B	A	B	A	B	A	B
Rated output current	1.5A	1.5A	2.8A	2.8A	5.8A	5.8A	6.0A	6.0A
Rated input current (3-phase / 1-phase)	2.9A / 5.0A		5.2A / 9.0A		7.5A / 13.0A		9.8A / -	

MR-J4W3-u	222			444		
Axis	A	B	C	A	B	C
Rated output current	1.5A	1.5A	1.5A	2.8A	2.8A	2.8A
Rated input current (3-phase / 1-phase)	4.3A / 7.5A			7.8A / 13.5A		

Table 2-2: Mass

MR-J4-u	10	20	40	60	70	100	200	350	500	700
Mass	0.8kg	0.8kg	1kg	1kg	1.4kg	1.4kg	2.1kg	2.3kg	4.6kg	6.2kg

MR-J4W2-u	22	44	77	1010
Mass	1.4kg	1.4kg	2.3kg	2.3kg

MR-J4W3-u	222	444
Mass	2.3kg	2.3kg

TÜV Rheinland Japan



MITSUBISHI ELECTRIC CORPORATION  
NAGOYA WORKS

Date  
9 December, 2011

(stamp and signature of applicant)

Takeo Enomoto, Deputy Manager

