

# EC Declaration Of Conformity



Document No.

JY997D03401B, June 2004

Manufacturer:

Mitsubishi Electric Corporation, Himeji Works,  
840 Chiyoda-Machi, Himeji, Hyogo, 670-8677 Japan.

Manufacturers Agent:

Mitsubishi Electric Europe B.V. - European Business Group (MEU-EBG)  
GothaerStr.8, 40880 Ratingen/ P.O. Box 1548, 40835 Ratingen,  
Germany

Products

Type : Programmable Controller

(Open Type Equipment, Installation category II)

Models : MELSEC FX2NC series

(EMC applicable units identified in Appendix 1)

(LVD applicable units identified in Appendix 2)

The above mentioned products comply with the following European directives:

Directive	Remark
89/336/EEC	Electromagnetic Compatibility Directive (EMC)
73/23/EEC	Low Voltage Directive (LVD)

Further particulars about the conformity with these directives are contained in the appendices. CE-marking was first applied March 1999 for EMC, and March 1999 for LVD.

Writer:

Takahito Yoshimura (PLG-Design Section Group)

Place:

Mitsubishi Electric, Himeji Works, Himeji, Japan

Date: May 2004

Signature of representative

for the Manufacturer:

Yoshiyuki Okumura

Place:

Mitsubishi Electric, Himeji Works, Himeji, Japan  
(Himeji Works Industrial Apparatus Divisional Manager)

Date: May 2004

Signature of representative

for the Manufacturers Agent:

Jutta Julich

(Mitsubishi Electric Europe B.V. - European Business Group, Executive Vice-President)

Place:

Mitsubishi Electric Europe B.V. - European Business Group, Ratingen, Germany

Date: May 2004

The appendices are part of this declaration. This declaration certifies the conformity with the directives mentioned, but does not contain any warranted qualities. The installation, usage and safety directions of the product documentation have to be observed.

Appendix 1 - FX2nc type programmable controllers with regard to EMC

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Products:

The following products produced from March 1999 are covered by this declaration.

Product Name			
FX2NC-16MT-DSS	FX2NC-32MT-DSS	FX2NC-64MT-DSS	FX2NC-96MT-DSS
FX2NC-16EX-DSS	FX2NC-32EX-DSS	FX2NC-16EYT-DSS	FX2NC-32EYT-DSS
FX2NC-EEPROM-16	FX2NC-RTC	FX2NC-EEPROM-4C	FX2NC-EEPROM-16C

The following products produced from August 1999 are covered by this declaration.

Product Name			
FX2NC-16MT-T-DSS	FX2NC-32MT-T-DSS	FX2NC-64MT-T-DSS	FX2NC-96MT-T-DSS

The following products produced from July 2001 are covered by this declaration.

Product Name			
FX2NC-ROM-CE1			

The following products produced from April 2004 are covered by this declaration.

Product Name			
FX2NC-ENET-ADP*1			

The conformity of the mentioned products with the regulations of the Directive 89/336/EEC for Electromagnetic Compatibility is shown by application of Test Reports. This is supported by selected product tests to the following EMC standards directly and indirectly (when Generic EMC standards are used).  
Note: The mentioned products must be used as directed by the associated documentation in order to provide full compliance.

Harmonized European Standards	Reference No.	Date of Issue:	EN Standards	Reference No.	Date of Issue
EN50081-2	1993	1993	EN55011	1991	1991
EN50082-2	1995	1995	EN61000-4-2	1995	1995
EN61000-6-2	2001*1	2001*1	ENV50140	1993	1993
EN61000-6-4	2001*1	2001*1	ENV50204	1995	1995
EN61131-2	1994*1	1994*1	EN61000-4-4	1995	1995
AMENDMENT 11	1996*1	1996*1	ENV50141	1993	1993
AMENDMENT 12	2000*1	2000*1	EN61000-4-8	1993	1993
			EN61000-4-5	1995	1995
			EN61000-4-3	1996	1996

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EN Standards	Reference No.	Date of Issue
EN61000-4-3	EN61000-4-3	2002
EN61000-4-6	EN61000-4-6	1996

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(Appendix 1 - FX2NC type programmable controllers with regard to EMC)

(Appendix 1 - FX2NC type programmable controllers with regard to EMC)

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The EMC agreement declaration of Mitsubishi FX2NC series is done based on the examination agreement by the following Competent Body or Test Laboratory.

Competent Body and Certificate No.: DAR, S1A996281, S2B989222

S1A986031, S2B989221

Test laboratory and document No.:

Tokin EMC Engineering Co., Ltd.;

S1A996041, SAY995421,

S2B988442, SAY988422,

S1A985391, SAY985401

S2B988441, SAY988421

Test laboratory and document No.:

A-pex International Co., Ltd.;

22E9989, MW-1

Test laboratory and document No.:

UL A-pex Co., Ltd.;

24HE0294-YW

The EMC agreement declaration of Mitsubishi FX2NC series without the certificate of Competent Body is done by self-declaration based on the test result of the above Test Laboratory.

{Explanation: \*1}

The products marking "\*1" complies with the standard marking "\*1" instead of EN50081-2:1993, EN50082-2:1995.

CONFORMITY

Compliance

\*1 Compliance to BSEN61010-1 is claimed through direct compliance to IEC1010-1 and Amendment 1 in addition to the previously identified EMC performance - see Appendix 1. The LVD agreement declaration of Mitsubishi FX2nc series is done based on self-declaration (according to BSEN61010-1).

Reference No.	Date of Issue	IEC Standards
BSEN61010-1	1993 *	IEC1010-1
	1992	Amendment 1

The conformity of the mentioned products with the regulations of the Directive 73/23/EEC for Low Voltage is shown by application of Test Reports. This is supported by selected product tests to the following LVD standards directly and indirectly (where noted). Note: The mentioned products must be used as directed by the associated documentation in order to provide full compliance.

Product Name	FX2NC-16MR-T-DS	FX2NC-16EYR-T-DS
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Products: The following products produced from August 1999 are covered by this declaration.

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**Appendix 2 - FX2nc type programmable controllers with regard to LVD**

# Declaration Of Conformity

Date of new issue	New revision letter	Changes
April 2002	A	First issue
June 2004	B	Addition of FX2NC-ENET-APP Change of Manufacturers Agent name

This is an additional sheet to identify any change to the associated Declaration Of Conformity. This sheet does not form any direct part of the declaration and is not for issue with the declaration. This sheet is for Mitsubishi Electric internal control and management of the declaration.

Subject Document: FX2nc Declaration Of Conformity  
 Reference number: JY997D03401

## Modification History