EC Declaration Of Conformity

CE

•	Document No.	JY992D91201D, April 2002
•	Manufacturer:	Mitsubishi Electric Corporation, Himeji Works,
	Address:	840 Chiyoda-Machi, Himeji, Hyogo, 670-8677 Japan.
	Manufacturers Agent: Address:	Mitsubishi Electric Europe B.V. Germány (MEU GER) GothaerStr.8, 40880 Ratingen/ POL Box 1540, 40835 Ratingen,
	Audress.	Germany
	Products Ty	pe : Programmable Controller
		Open Type Equipment, Installation category II)
	MAN MARKAN MA	odels : MELSEC FX1N series
		(EMC applicable units identified in Appendix 1)
. All and a second s		(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 2000 for EMC, and March 2000 for LVD.

Writer:

Place:

Takahito Yoshimura (PLC Design Section Group) Mitsubishi Electric, Himeji Works, Himejr, Japan



Signature of representative

Yoshiyuki Okumura

(Himeji Works Industrial Apparatus Divisional Manager) Mitsubishi Electric, Himeji Works, Himeji, Japan Date: April 2002

Signature of representative

for the Manufacturers Agent: Jutta Julich

(Mitsubishi Electric Europe B.V. - German Branch, Industrial Products Divisional Manager) Place: Mitsubishi Electric Europe B.V. - German Branch, Ratingen, Germany Date: April 2002

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.

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Appendix 1 - FX1N type programmable controllers with regard to EMC

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Products:

The following products produced from March 2000 are

covered by this declaration.

Product Name				
FX1N-232-BDFX1N-422-BDFX1N-CNV-BDFX1N-5DM		FX1N-485-BD	FX1N-8AV-BD	
		EXIN-EEPROM-SL		
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The following products produced from June 2000 are

obvered by fais declaration.

Product Name				
X1N-14MR-ES/L	L FX1N-24MR-ES/UL	FX1N-40MR-ES/UL	FX1N-60MR-ES/UL	
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The following products produced **from December 2000** are covered by this declaration.

Product Name			
FX1N-14MR-DS	FX1N-24MR-DS	FX1N-40MR-DS	FX1N-60MR-DS
FX1N-14MT-DSS	FX1N-24MT DSS	FX1N-40MT-DSS	FX1N-60MT-DSS

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



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.

(Appendix 1 – FX1N type programmable controllers with regard to EMC)

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Harmonized Eur	opean Standards:	EN Standards		
Reference No.	Date of Issue:	Reference No.	Date of Issue	
EN50081-2	1993	EN55011	1998	
EN50082-2	1995	EN61000-4-2	1995	
EN61000-6-2	1999	ENV50140	1993	
		ENV50204	1995	
		EN61000-4-4	1995	
		ENV50141	1993 · · · · · · · · · · · · · · · · · ·	
		EN61000-4-8	1993	
	1	EN61000-4-5	1995	
		EN61000-4-11	1994	

The EMC agreement declaration of Mitsubishi FX1N series is done based on the examination agreement by the following Competent Body. However, for the type without the certificate of Competent Body it is done by self-declaration based on the test result of the following Test Laboratory.

· Competent Body and Certificate No.;

Test laboratory and document No.;

DAR; S1R008191, S1A008192 S1R011461, S2B00Z271,S2B00Z281 S2B010182, S2B016181,S2B016201 S2B010202

Tokin EMC Engineering Co.,Ltd.; S1R005321,SAY005231 S1R005322,SAY005232 S1R011381,SAY005232 S2B00Y051,SAY00Y031 S2B00Y283,SAY00Y291 S2B014103,SAY014262



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Competent Body and Certificate No.
Test laboratory and document No.;
Test laboratory and document No.;

SEMKO; 0013017V A-pex International Co.,Ltd.; 19B0024-02 A-pex International Co.,Ltd.; 22DE0017-YW-2

S28014104, SAY014261

#### Appendix 2 - FX1N type programmable controllers with regard to LVD

Document No.

JY992D91201D, April 2002

Products:

The following products produced from June 2000 are

covered by this declaration.



FX1N-14MT-ESS/UL FX1N-24MT-ESS/UL FX1N-40MT-ESS/UL FX1N-60MT-ESS/UL					
	FX1N-14MT-ESS/UL FX1N-24MT-ESS/UL FX1N-40MT-ESS/UL FX1N-60M				

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.

Harmonized European St	tandards:	IEC Standards	
Reference No.	Date of Issue	Reference No.	Date of Assue
BSEN61010-1	1993 *	IEC10101	1990
Amendment 2	1995	Amendment 1	1992
AND AND		Amendment 2	1995

Compliance to BSEN61010-1 is claimed through virtue of direct compliance to IEC1010-1, Amendment 1 and Amendment 2 in addition to the previously identified EMC conformance - see Appendix 1.

The LVD agreement declaration of Mitsubishi FX1N series is done based on self-declaration (according to BSEN61010-1).

# **Modification History**

Subject Document: Reference number: FX1N Declaration Of Conformity JY992D91201

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.

