

EC Declaration Of Conformity



Document No. JY992D61701C, April 2002

Manufacturer: Mitsubishi Electric Corporation, Himeji Works,
Address: 840 Chiyoda-Machi, Himeji, Hyogo, 670 Japan.

Manufacturers Agent: Mitsubishi Electric Europe - United Kingdom Branch (MEU-UK)
Address: Travellers Lane, Hatfield, Herts, England

Products Type Programmable Controller
(Open Type Equipment, Installation category II)
Models : MELSEC FX0s 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 August 1996 for EMC, and September 1995 for LVD.

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Place: Mitsubishi Electric, Himeji Works, Himeji, Japan Date: April 2002

Signature of representative for the Manufacturer: Yoshiyuki Okumura
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Place: 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.

Appendix 1 - FX0s type programmable controllers with regard to EMC

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Products: The following products produced from August 1996 are covered by this declaration.

Product Name			
FX0s-10MR-ES/UL	FX0s-14MR-ES/UL	FX0s-20MR-ES/UL	FX0s-30MR-ES/UL

The following products produced from December 1996 are covered by this declaration.

Product Name			
FX0s-10MR-DS	FX0s-14MR-DS	FX0s-20MR-DS	FX0s-30MR-DS
FX0s-10MT-DSS	FX0s-14MT-DSS	FX0s-20MT-DDS	FX0s-30MT-DSS

The following products produced from September 1997 are covered by this declaration.

Product Name			
FX0s-14MR-D12S	FX0s-30MR-D12S		

The following products produced from December 1997 are covered by this declaration.

Product Name			
FX0s-14MT-D12SS	FX0s-30MT-D12SS		

(Appendix 1 - FX0s type programmable controllers with regard to EMC)

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The conformity of the mentioned products with the regulations of the Directive 89/336/EEC for Electromagnetic Compatibility is shown by application of a Technical Construction File. 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.

Harmonised European Standards		IEC Standards	
Reference No.	Date of Issue	Reference No.	Date of Issue
EN50081-2	1994	IEC801-2	1984
EN50082-1	1992	IEC801-3	1984
prEN50082-2	1992	IEC801-4	1988
EN61000-6-2	2001	EN61000-4-2	1995
		EN61000-4-3	1996
		EN61000-4-4	1995
		EN61000-4-5	1995
		EN61000-4-6	1996
		EN61000-4-8	1993
		EN61000-4-11	1994
		EN50204	1995
		EN55011	1991

The 'Mitsubishi FX0s TCF FOR EMC – ORIGINAL Technical Construction File is stored at the following location under the identified reference:

- Competent Body: ERA Technology Ltd
Address: Cleave Road, Leatherhead, Surrey, KT22 7SA, England
Competent Body/NAMAS Accreditation Number: 0053
ERA TCF Reference Number: TBA
ERA Test Reports used in the TCF: 5044/11W4/6
5044/11W4/8
5044/11W4/9
- Competent Body and Certificate No.: Nemko; 199810173
Test Laboratory and Document No.: E19560-1, S19560-1
- Test Laboratory : A-pex International Co.,Ltd
Test report Number: 22EE0084-YW-4

The EMC agreement declaration of Mitsubishi FX0s series without the certificate of Competent Body is done by self-declaration based on the test result of the above Test Laboratory.

Appendix 2 - FX0s type programmable controllers with regard to LVD

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Products: The following products produced from September 1996 are covered by this declaration.

Product Name			
FX0s-10MR-ES/UL	FX0s-14MR-ES/UL	FX0s-20MR-ES/UL	FX0s-30MR-ES/UL

The following products produced from December 1996 are covered by this declaration.

Product Name			
FX0s-10MR-DS	FX0s-14MR-DS	FX0s-20MR-DS	FX0s-30MR-DS

The following products produced from September 1997 are covered by this declaration.

Product Name			
FX0s-14MR-D12S	FX0s-30MR-D12S*		

The conformity of the mentioned products with the regulations of the Directive 73/23/EEC for Low Voltage is shown by application of a Technical Construction File. 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.

Harmonised European Standards:

Reference No.	Date of Issue
BSEN61010-1	1993
Amendment 2	1995 *

IEC Standards:

Reference No.	Date of Issue
IEC1010-1	1990
Amendment 1	1992
Amendment 2	1995

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

The 'Mitsubishi FX0s TCF (LVD - ORIGINAL FILE) Technical Construction File is stored at the following location under the identified reference:

Competent Body: ERA Technology Ltd
 Address: Cleeve Road, Leatherhead, Surrey, England
 ERA LVD Test Report Number: 96-0438
 ERA Project Number: 25-01-4146/954

Modification History

Subject Document: FX0s Declaration Of Conformity
 Reference number: JY992D61701

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 Electrics internal control and management of the declaration.

Date of new issue	New revision letter	Changes
September 1996	A	First Issue
January 1997	B	Addition of FX0S-##MR-DS and FX0S-##MT-DSS units to the EMC and LVD sections of the Declaration
April 2002	C	Addition of FX0S-##MR-D12S and FX0S-##MT-D12SS units to the EMC and LVD sections of the Declaration Addition of EN61000-6-2 Addition of EN61010-1 Amendment 2

Declaration
of
conformity