

# EC Declaration of Conformity



Document No. JY992D90201K

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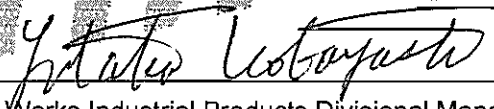
Products Type: Programmable Controller  
(Open Type Equipment, Installation category II)  
Models : MELSEC FX1s series  
(EMC applicable units identified in Appendix 1)  
(LVD applicable units identified in Appendix 2)


The above mentioned products comply with the following European directives:

Directive	Remark
2004/108/EC	Electromagnetic Compatibility Directive (EMC)
2006/95/EC	Low Voltage Directive (LVD)

Further particulars about the conformity with these directives are contained in the appendices.  
CE-marking was first applied March 00 for EMC, and March 00 for LVD.

Writer: Fumiya Hosokawa (PLC Design Section 1 Group)  
Place: Mitsubishi Electric, Himeji Works, Himeji, Japan Date: 1 October 2013

Signature of representative  
for the Manufacturer: Yutaka Kobayashi   
(Himeji Works Industrial Products Divisional Manager)  
Date: 01. Oct. 2013

Signature of representative  
for the Authorized Representative: Hartmut Pütz   
(Mitsubishi Electric Europe B.V., FA European Business Group, Product Marketing Director)  
Place: Mitsubishi Electric Europe B.V. – European Business Group, Ratingen, Germany  
Date: 18.3.14

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 - FX1s type programmable controllers with regard to EMC

Document No. JY992D90201K

Products: The following products produced from **March 2000** are covered by this declaration.

Product Name			
FX1s-10MR-ES/UL	FX1s-14MR-ES/UL	FX1s-20MR-ES/UL	FX1s-30MR-ES/UL

The following products produced from **September 2000** are covered by this declaration.

Product Name			
FX1s-10MR-DS	FX1s-14MR-DS	FX1s-20MR-DS	FX1s-30MR-DS
FX1s-10MT-DSS	FX1s-14MT-DSS	FX1s-20MT-DSS	FX1s-30MT-DSS

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

Product Name			
FX1s-10MT-ESS/UL	FX1s-14MT-ESS/UL	FX1s-20MT-ESS/UL	FX1s-30MT-ESS/UL

The following products produced from **February 2007** are covered by this declaration.

Product Name			
FX1s-20MT-D-SK			

The following products produced from **March 2007** are covered by this declaration.

Product Name			
FX1s-14MT-SK	FX1s-20MT-SK		

The following products produced from **August 2009** are covered by this declaration.

Product Name			
FX1s-10MR-ES-TD	FX1s-14MR-ES-TD	FX1s-20MR-ES-TD	FX1s-30MR-ES-TD

The following products produced from **June 2013** are covered by this declaration.

Product Name			
FX1s-30MR-ES-BS			

(Appendix 1 - FX1S type programmable controllers with regard to EMC)

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The conformity of the mentioned products with the regulations of the Directive 2004/108/EC for Electromagnetic Compatibility is shown by application of Test Reports. This is supported by selected product tests to the following EMC harmonized standards directly and indirectly.

Note: The mentioned products must be used as directed by the associated documentation in order to provide full compliance.

Harmonized European Standards: EN61131-2:2007

The EMC agreement declaration of Mitsubishi FX1S series is done by self-declaration based on the test result of the following Test Laboratories

Test laboratory and document No.;

Tokin EMC Engineering Co., Ltd.

S2B016201, S2B013141, SAY013041

S1A003171, S1A002521, SAY002421, SAY002481

S1A003172, S1A002522, SAY002422, SAY002482

A-pex International Co., Ltd. YOKOWA LAB.

19G0062-02

21AE0005-YW

22DE0017-YW-6

22DE0017-YW-3

UL Apex Co., Ltd. Yokowa EMC Lab.

27DE0061-YW-A

UL Japan, Inc. Yokowa EMC Lab.

29AE0199-YW

Cosmos Corporation Matsusaka EMC Center

S116290-3, S116290-4

## Appendix 2 - FX1s type programmable controllers with regard to LVD

Document No. JY992D90201K

Products: The following products produced from **March 2000** are covered by this declaration.

Product Name			
FX1s-10MR-ES/UL	FX1s-14MR-ES/UL	FX1s-20MR-ES/UL	FX1s-30MR-ES/UL

The following products produced from **September 2000** are covered by this declaration.

Product Name			
FX1s-10MR-DS	FX1s-14MR-DS	FX1s-20MR-DS	FX1s-30MR-DS

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

Product Name			
FX1s-10MT-ESS/UL	FX1s-14MT-ESS/UL	FX1s-20MT-ESS/UL	FX1s-30MT-ESS/UL

The following products produced from **March 2007** are covered by this declaration.

Product Name			
FX1s-14MT-SK	FX1s-20MT-SK		

The following products produced from **August 2009** are covered by this declaration.

Product Name			
FX1s-10MR-ES-TD	FX1s-14MR-ES-TD	FX1s-20MR-ES-TD	FX1s-30MR-ES-TD

The following products produced from **June 2013** are covered by this declaration.

Product Name			
FX1s-30MR-ES-BS			

(Appendix 2 - FX1S type programmable controllers with regard to LVD)

Document No. JY992D90201K

The conformity of the mentioned products with the regulations of the Directive 2006/95/EC for Low Voltage is shown by application of Test Reports. This is supported by selected product tests to the following LVD harmonized standards directly and indirectly.

Note: The mentioned products must be used as directed by the associated documentation in order to provide full compliance.

Harmonized European Standards: EN61131-2:2007

The LVD agreement declaration of Mitsubishi FX1S series is done by self-declaration based on the test result of the following Test Laboratory and the investigation in Himeji works.

Test laboratory and document No.;

A-PEX International Co., Ltd.	22BS0095
Cosmos Corporation	CJ13-116414S

Declaration  
of  
conformity

# Modification History

Subject Document: FX1s Declaration Of Conformity  
 Reference number: JY992D90201

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.

Date of new issue	New revision letter	Changes
May 2000	A	First Issue
February 2001	B	Addition of FX1s-**-**MR-DS and FX1s-**-**MT-DSS, where **=10,14,20 or 30. Error in writing correction
October 2001	C	Addition of FX1s-**-**MT-ESS/UL Error in writing correction
April 2002	D	Addition of EN61000-6-2:1999 Addition of EN61010-1:2001
September 2008	E	Addition of EN61000-6-4:2001 Addition of EN61000-6-2:2001 Addition of EN61000-6-2:2005 Omitting of Test standards for EMC
February 2009	F	• Addition of the telephone number of the Manufacturer • Addition of the issue date • Change of the LVD No. • Change the form of the first apply year of CE marking
July 2009	G	• Addition of FX1s-20MT-D-SK, FX1s-14MT-SK, and FX1s-14MT-SK • Change of the Directive No. • Change of the address of the Authorized Representative • Change of the Harmonized European Standard No. • Error correction etc.
May 2010	H	• Addition of FX1s-10MR-ES-TD, FX1s-14MR-ES-TD, FX1s-20MT-ES-TD, FX1s-10MR-ES-TD
May 2013	J	• Addition of FX1s-30MR-ES-BS • Error correction etc.

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- Change of the Harmonized European Standard No.  
EMC: EN61000-6-4:2007, EN61000-6-2:2005 to EN61131-2:2007  
LVD: EN61010-1:2001 to EN61131-2:2007

# Declaration of conformity