

EU DECLARATION OF CONFORMITY

We,

Manufacturer : MITSUBISHI ELECTRIC CORPORATION
 Address : TOKYO 100-8310, JAPAN
 (Place of Declare)
 Brand Name : 

declare under our sole responsibility that the product

Description : Converter
 Type of Model : FR-XC series
 Notice : Refer to Appendix for each model name

to which this declaration relates is in conformity with the following standard and directive.

Directive	Harmonized Standard
Low Voltage Directive 2014/35/EU	EN61800-5-1:2007+A1:2017+A11:2021
EMC Directive 2014/30/EU	EN61800-3:2004+A1:2012
RoHS Directive 2011/65/EU, (EU)2015/863	EN IEC 63000:2018

Authorized representative in Europe (The person authorized to compile the Technical file or relevant Technical documentation)
Mitsubishi Electric Europe B.V. German Branch Mitsubishi-Electric-Platz 1, 40882 Ratingen, Germany

Issue Date (Date of Declaration): 28 Nov. 2024

Signed for and on behalf of

(Signature) Shuya Sano

[Syuya Sano]
 General Manager, Inverter System Department
 MITSUBISHI ELECTRIC CORPORATION

Appendix: List of type models to declare

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XC-7.5K	FR-XC-11K			

Added Revision A: 11-04-2017

FR-XC series converter models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XC-7.5K-60	FR-XC-7.5K-06	FR-XC-11K-60	FR-XC-11K-06	FR-XC-15K
FR-XC-15K-60	FR-XC-15K-06	FR-XC-22K	FR-XC-22K-60	FR-XC-22K-06
FR-XC-30K	FR-XC-30K-60	FR-XC-30K-06	FR-XC-18.5K-PWM	FR-XC-18.5K-60PWM
FR-XC-18.5K-06PWM	FR-XC-22K-PWM	FR-XC-22K-60PWM	FR-XC-22K-06PWM	

Reactor box models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCB-18.5K	FR-XCB-18.5K-60	FR-XCB-18.5K-06	FR-XCB-22K	FR-XCB-22K-60
FR-XCB-22K-06				

Added Revision C: 15-01-2018

FR-XC series converter models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XC-37K	FR-XC-37K-60	FR-XC-37K-06	FR-XC-55K	FR-XC-55K-60
FR-XC-55K-06	FR-XC-H7.5K	FR-XC-H7.5K-60	FR-XC-H7.5K-06	FR-XC-H11K
FR-XC-H11K-60	FR-XC-H11K-06	FR-XC-H15K	FR-XC-H15K-60	FR-XC-H15K-06
FR-XC-H22K	FR-XC-H22K-60	FR-XC-H22K-06	FR-XC-H30K	FR-XC-H30K-60
FR-XC-H30K-06	FR-XC-H37K	FR-XC-H37K-60	FR-XC-H37K-06	FR-XC-H55K
FR-XC-H55K-60	FR-XC-H55K-06	FR-XC-37K-PWM	FR-XC-37K-60PWM	FR-XC-37K-06PWM
FR-XC-55K-PWM	FR-XC-55K-60PWM	FR-XC-55K-06PWM	FR-XC-H18.5K-PWM	FR-XC-H18.5K-60PWM
FR-XC-H18.5K-06PWM	FR-XC-H22K-PWM	FR-XC-H22K-60PWM	FR-XC-H22K-06PWM	FR-XC-H37K-PWM
FR-XC-H37K-60PWM	FR-XC-H37K-06PWM	FR-XC-H55K-PWM	FR-XC-H55K-60PWM	FR-XC-H55K-06PWM

Reactor models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCL-7.5K	FR-XCL-11K	FR-XCL-15K	FR-XCL-22K	FR-XCL-30K
FR-XCL-37K	FR-XCL-55K	FR-XCL-H7.5K	FR-XCL-H11K	FR-XCL-H15K
FR-XCL-H22K	FR-XCL-H30K	FR-XCL-H37K	FR-XCL-H55K	

Reactor box models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCB-37K	FR-XCB-37K-60	FR-XCB-37K-06	FR-XCB-55K	FR-XCB-55K-60
FR-XCB-55K-06	FR-XCB-H18.5K	FR-XCB-H18.5K-60	FR-XCB-H18.5K-06	FR-XCB-H22K
FR-XCB-H22K-60	FR-XCB-H22K-06	FR-XCB-H37K	FR-XCB-H37K-60	FR-XCB-H37K-06
FR-XCB-H55K	FR-XCB-H55K-60	FR-XCB-H55K-06		

Appendix: List of type models to declare

Added Revision D: 25-02-2020

Reactor models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCG-7.5K	FR-XCG-11K	FR-XCG-15K	FR-XCG-22K	FR-XCG-30K
FR-XCG-37K	FR-XCG-55K	FR-XCG-H7.5K	FR-XCG-H11K	FR-XCG-H15K
FR-XCG-H22K	FR-XCG-H30K	FR-XCG-H37K	FR-XCG-H55K	

Added Revision E: 13-04-2020

FR-XC series converter models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XC-H75K	FR-XC-H75K-60	FR-XC-H75K-06	FR-XC-H75K-PWM	FR-XC-H75K-60PWM
FR-XC-H75K-06PWM				

Reactor models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCL-H75K	FR-XCL-H90K	FR-XCG-H75K	FR-XCG-H90K	

Reactor box models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCB-H75K	FR-XCB-H75K-60	FR-XCB-H75K-06		

Contacting box models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-MCB-H150				

Added Revision G: 08-09-2022

FR-XC series converter models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XC-H160K	FR-XC-H160K-60	FR-XC-H160K-06	FR-XC-H160K-PWM	FR-XC-H160K-60PWM
FR-XC-H160K-06PWM	FR-XC-H220K	FR-XC-H220K-60	FR-XC-H220K-06	FR-XC-H220K-PWM
R-XC-H220K-60PWM	FR-XC-H220K-06PWM			

Reactor models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCL-H160K	FR-XCL-H185K	FR-XCL-H220K	FR-XCL-H250K	FR-XCG-H132K
FR-XCG-H160K	FR-XCG-H185K	FR-XCG-H220K		

Reactor box models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCB-H160K	FR-XCB-H160K-60	FR-XCB-H160K-06	FR-XCB-H220K	FR-XCB-H220K-60
FR-XCB-H220K-06				

Appendix: List of type models to declare

Contactors box models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-MCB-H400	FR-MCB-H800	FR-MCB-H800-06		

Added Revision I: 22-10-2024

FR-XC series converter models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XC-H110K	FR-XC-H110K-60	FR-XC-H110K-06	FR-XC-H110K-PWM	FR-XC-H110K-60PWM
FR-XC-H110K-06PWM				

Reactor models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCL-H110K	FR-XCL-H132K	FR-XCG-H110K		

Reactor box models

Model Name	Model Name	Model Name	Model Name	Model Name
FR-XCB-H110K	FR-XCB-H110K-60	FR-XCB-H110K-06		

Revision History

Date	Revision	Contents
30-06-2016	*	First edition
11-04-2017	A	Add new models
30-06-2017	B	Add RoHS directive and modify the contents of the front page
15-01-2018	C	Add new models
25-02-2020	D	Add new models
13-04-2020	E	Add new models
22-12-2020	F	Amended directive Previous directive for RoHS: 2011/65/EU Changed Harmonized standard Previous Harmonized standard for RoHS Directive: EN 50581:2012
08-09-2022	G	Add new models
21-06-2023	H	<ul style="list-style-type: none"> • Regarding Low Voltage Directive, updated as below. Before change : EN61800-5-1:2007 After change : EN61800-5-1:2007+A1:2017+A11:2021 • Delete Notified body and its identification Number.
22-10-2024	I	Add new models