

EU Declaration of Conformity

Document No. **KGA060165-G**

Product: **Low-voltage Circuit-breakers, WS series**

Manufacturer: MITSUBISHI ELECTRIC CORPORATION

Address: TOKYO 100-8310, JAPAN

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration: indicated in Tables 1 to 6 of Appendix 1

The object of the declaration described above is in conformity with the following Union harmonization legislation:

Directive 2014/35/EU --- Low Voltage (LVD)

Directive 2014/30/EU --- Electromagnetic Compatibility (EMC)

References to the relevant harmonized standards used in relation to which conformity is declared:

EN 60947-2: 2006/A2:2013

The appendix is 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.

Signed for and on behalf of the manufacturer:

Place: 1-8, Midorimachi, Fukuyama-city, Hiroshima-pref. Japan

Date: April 20, 2016



Hitoshi Kanagawa

General Manager, Low voltage circuit breaker Dept., Fukuyama Works

Appendix 1 Low-voltage Circuit-breakers WS series

Products: Table 1 WS NF series

Model of products			
NF30-CS (*1)	NF125-CW (*1)	NF250-CW (*1)	NF400-CW (*1)
NF32-SW (*1)	NF125-SW (*1)	NF250-SW (*1)	NF400-SW (*1)
NF63-CW (*1)	NF125-HW (*1)	NF250-HW (*1)	NF400-SEW
NF63-SW (*1)	NF125-RW (*1)	NF250-RW (*1)	NF400-HEW
NF63-HW (*1)	NF125-UW (*1)	NF250-UW (*1)	NF400-REW
MB30-CS (*1)	NF125-SGW RT (*1)	NF250-SEW	NF400-UEW
MB30-SW (*1)	NF125-SGW RE	NF250-HEW	NF400-HDW (*1)
MB50-CW (*1)	NF125-HGW RT (*1)	NF250-SGW RT (*1)	NF630-CW (*1)
MB50-SW (*1)	NF125-HGW RE	NF250-SGW RE	NF630-SW (*1)
MB100-SW (*1)	NF125-RGW RT (*1)	NF250-HGW RT (*1)	NF630-SEW
MB225-SW (*1)	NF125-UGW RT (*1)	NF250-HGW RE	NF630-HEW
	NF160-SW (*1)	NF250-RGW RT (*1)	NF630-REW
	NF160-HW (*1)	NF250-UGW RT (*1)	NF800-CEW
	NF160-SGW RT (*1)		NF800-SEW
	NF160-SGW RE		NF800-HEW
	NF160-HGW RT (*1)		NF800-REW
	NF160-HGW RE		NF800-UEW
			NF800-SDW (*1)
			NF800-HDW (*1)
			NF1000-SEW
			NF1250-SEW
			NF1250-SDW (*1)
			NF1600-SEW
			NF1600-SDW (*1)

(*1) Circuit breakers not incorporating electronic circuit are not required the immunity and emission tests for Electromagnetic Compatibility.

Products: Table 2 WS NV series

Model of products			
NV32-SW	NV125-CW	NV250-CW	NV400-CW
NV63-CW	NV125-SW	NV250-SW	NV400-SW
NV63-SW	NV125-HW	NV250-HW	NV400-SEW
NV63-HW	NV125-RW	NV250-RW	NV400-HEW
			NV400-REW
			NV630-CW
			NV630-SW
			NV630-SEW
			NV630-HEW
			NV800-SEW
			NV800-HEW

Above products incorporating electronic circuit are required the immunity and emission tests for Electromagnetic Compatibility. Reference standard Nos. are EN60947-2:2006/A2:2013, Annex J.2 (immunity) and J.3 (emission).

Products: Table 3 WS NF-UL series

Model of products		
NF225-CWU	NF400-SWU	NF630-SWU
	NF400-HWU	NF630-HWU

Above products not incorporating electronic circuit are not required the immunity and emission tests for Electromagnetic Compatibility.

Products: Table 4 WS NV-UL series

Model of products		
NV225-CWU	NV400-SWU	NV400-HWU

Above products incorporating electronic circuit are required the immunity and emission tests for Electromagnetic Compatibility. Reference standard Nos. are EN60947-2:2006/A2:2013, Annex J.2 (immunity) and J.3 (emission).

Products: Table 5 Special purpose breakers

Model of products			
NF32-SW (*1)	NF160-SW (*1)	NF630-CW (*1)	Mag Only (Instantaneous tripping circuit breakers)
NF63-CW (*1)	NF160-HW (*1)	NF630-SW (*1)	
NF63-SW (*1)	NF160-SGW (*1)	NF800-SEW	
NF63-HW (*1)	NF160-HGW (*1)	NF800-SDW (*1)	
NF125-CW (*1)	NF250-CW (*1)	NF1000-SEW	
NF125-SW (*1)	NF250-SW (*1)	NF1250-SEW	
NF125-HW (*1)	NF250-HW (*1)	NF1250-SDW (*1)	
NF125-SGW (*1)	NF250-SGW (*1)	NF1600-SEW	
NF125-HGW (*1)	NF250-HGW (*1)	NF1600-SDW (*1)	
	NF400-CW (*1)		
	NF400-SW (*1)		Special voltage DC 400VDC 440VDC 500VDC 550VDC 600VDC
NF63-SW (*1)	NF250-SW (*1)	NF800-SDW (*1)	
NF125-SW (*1)	NF400-SW (*1)	NF1250-SDW (*1)	
NF160-SW (*1)	NF630-SW (*1)	NF1600-SDW (*1)	Thyristor protection
NF125-SW (*1)	NF250-SW (*1)	NF800-SDW (*1)	
NF160-SW (*1)	NF400-SW (*1)	NF1250-SDW (*1)	High-instantaneous (Transformer use)
	NF630-SW (*1)	NF1600-SDW (*1)	
NF63-CW (*1)	NF400-SEW	NF800-SEW	Low-instantaneous
NF125-CW (*1)	NF630-SEW		
NF125-CW (*1)	NF250-CW (*1)	NF250-HW (*1)	Generator-Protection
NF125-SW (*1)	NF250-SW (*1)	NF400-CW (*1)	
NF125-SGW	NF250-SGW		
NF125-HGW	NF250-HGW		

(*1) Circuit breakers not incorporating electronic circuit are not required the immunity and emission tests for Electromagnetic Compatibility.

Products: Table 6 Accessories

Kind of Accessory	Model of products	Remark
Alarm switch	AL	
Auxiliary switch	AX	
Alarm and Auxiliary switch	ALAX	
Over current Alarm	OAL	
Shunt tripping device	SHT	
Under voltage tripping device	UVTN UVTS	UVTN: Non-synchronous type UVTS: Synchronous type
Electrical operation device	MD MDS	MD: Electrical operation device of motor drive type MDS: Electrical operation device of spring charge type
Test button module	TBM	

Above products not incorporating electronic circuit are not required the immunity and emission tests for Electromagnetic Compatibility.

The conformity of the mentioned products with the regulations of the Directive 2014/35/EU for Low Voltage is shown by application of the Technical documentation. This is supported by selected product tests to the following Low voltage standards.

Harmonized European Standards:

Reference No.	Date of issue:
EN60947-2	2006/A2:2013

IEC standard

Reference No.	Date of issue:
IEC60947-2	2006/A2:2013

The Mitsubishi Technical documentation of WS series is stored at the following location:

Factory:	Mitsubishi Electric Corporation, Fukuyama Works
Address:	1-8 Midorimachi, Fukuyama-city, Hiroshima, 720-8647 Japan
Manufacture Agent:	Mitsubishi Electric Europe B. V.
Address:	Mitsubishi-Electric-Platz 1, 40882 Ratingen, Germany