

EU Declaration of Conformity

Document No. **LCE-ND006-A**

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)

Directive 2011/65/EU, (EU)2015/863 --- Restriction of Hazardous Substances (RoHS)

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

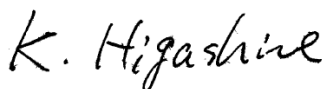
LVD, EMC --- EN 60947-2: 2017/A1:2020	Circuit-breakers
EN 60947-5-1: 2017	Switches of accessory for circuit breaker
RoHS --- EN IEC 63000:2018	

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 28, 2021



KENJI HIGASHINE

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)	MB30-CS (*1)	NF400-CW (*1)	NF400-SW (*1)
NF400-SEW	NF400-HEW	NF400-REW	NF400-UEW
NF400-HDW (*1)	NF630-CW (*1)	NF630-SW (*1)	NF630-SEW
NF630-HEW	NF630-REW	NF800-CEW	NF800-SEW
NF800-HEW	NF800-REW	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			
NV400-CW	NV400-SW	NV400-SEW	NV400-HEW
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 EN60947-2:2017/A1:2020, Annex J.2 (immunity) and J.3 (emission).

Products: Table 3 WS NF-UL series

Model of products			
NF400-SWU	NF400-HWU	NF630-SWU	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	
NV400-SWU	NV400-HWU

Above products incorporating electronic circuit are required the immunity and emission tests for Electromagnetic Compatibility. Reference standard Nos. are EN60947-2:2017/A1:2020, Annex J.2 (immunity) and J.3 (emission).

Products: Table 5 Special purpose breakers

Model of products			
NF400-CW (*1)	NF400-SW (*1)	NF630-CW (*1)	Mag Only (Instantaneous tripping circuit breakers)
NF630-SW (*1)	NF800-SEW	NF800-SDW (*1)	
NF1000-SEW	NF1250-SEW	NF1250-SDW (*1)	
NF1600-SEW	NF1600-SDW (*1)		Special voltage DC 500VDC 550VDC 600VDC
NF400-SW (*1)	NF630-SW (*1)	NF800-SDW (*1)	
NF1250-SDW (*1)	NF1600-SDW (*1)		Thyristor protection
NF400-SW (*1)	NF630-SW (*1)	NF800-SDW (*1)	
NF1250-SDW (*1)	NF1600-SDW (*1)		High-instantaneous (Transformer use)
NF400-SEW	NF630-SEW	NF800-SEW	
NF400-CW (*1)			Low-instantaneous

(*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 (*1)	AL	
Auxiliary switch (*1)	AX	
Alarm and Auxiliary switch (*1)	ALAX	
Shunt tripping device (*1)	SHT	
Under voltage tripping device (*1)	UVTN UVTS	UVTN: Non-synchronous type UVTS: Synchronous type
Electrical operation device (*1)	MD MDS	MD: Electrical operation device of motor drive type MDS: Electrical operation device of spring charge type
Measuring Display Unit	MDU	

(*1) Accessories 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 (LVD) and the Directive 2014/30/EU for Electromagnetic Compatibility (EMC) are shown by application of the Technical documentation.

This is supported by selected product tests to the following LVD and EMC standards.

Harmonized European Standards:

Reference No. EN 60947-2:2017/A1:2020
EN 60947-5-1: 2017

IEC standard

Reference No. IEC 60947-2:2016/A1:2019
IEC 60947-5-1:2016

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