

## *EU Declaration of Conformity*

Document No. **LCE-ND018-A**

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

Manufacturer: Mitsubishi Electric Dalian Industrial Products Co., Ltd.

Address: Dongbei 3-5, Dalian Economic & Technical Development Zone, Dalian China 116600

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

Object of the declaration: indicated in Tables 1 to 3 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: Dongbei 3-5, Dalian Economic & Technical Development Zone, Dalian China

Date: April 28, 2021



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Senior Manager, Mitsubishi Electric Dalian Industrial Products Co., Ltd.

**Appendix 1** Low-voltage Circuit-breakers WS-V series

Products: Table 1 WS-V NF series

Model of products			
NF125-SGV	NF160-SGV	NF250-SGV	NF125-CXV
NF125-SXV	NF160-SXV	NF250-SXV	NF250-CXV
NF125-LGV	NF160-LGV	NF250-LGV	
NF125-LXV	NF160-LXV	NF250-LXV	
NF125-HGV	NF160-HGV	NF250-HGV	
NF125-HXV	NF160-HXV	NF250-HXV	

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

Products: Table 2 WS-V NV series

Model of products	
NV125-CV	NV250-CV
NV125-SV	NV250-SV
NV125-HV	NV250-HV

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 Accessories

Kind of Accessory	Model of products	Remark
Alarm switch	AL	
Auxiliary switch	AX	
Alarm and Auxiliary switch	ALAX	
Shunt tripping device	SHT	
Under voltage tripping device	UVTN UVTS	UVTN:Non-synchronous type UVTS:Synchronous type
Electrical operation device	MDS	MDS: Electrical operation device of spring charge type

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 (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/A2:2019

IEC 60947-5-1:2016

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

Factory: Mitsubishi Electric Dalian Industrial Products Co., Ltd.

Address: Dongbei 3-5, Dalian Economic & Technical Development Zone, Dalian China 116600

Manufacture Agent: Mitsubishi Electric Europe B. V.

Address: Mitsubishi-Electric-Platz 1, 40882 Ratingen, Germany

of

Conformity