

EU Declaration of Conformity

Document No. **LCE-ND007-A**

Product: **Low-voltage Switches & Switch-disconnectors, No-Fuse Switches (DSN types)**

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 Table 1 and 2 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 60947-3:2009/A2:2015 Switch-disconnector

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 Switches & Switch-disconnectors, No-Fuse Switches (DSN types)

Products: Table 1 WS series

Model of products			
DSN30-CS	DSN400-CW	DSN400-SW	DSN400-HDW
DSN630-CW	DSN630-SW	DSN800-CW	DSN800-SW
DSN800-HDW	DSN1000-SW	DSN1250-SW	DSN1600-SW

Products: Table 2 WS-V series

Model of products			
DSN32-SV	DSN63-CV	DSN63-SV	DSN125-CV
DSN125-SV	DSN125-SGV	DSN160-SGV	DSN250-CV
DSN250-SV	DSN250-SGV		

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	UVTN: Non-synchronous type
	UVTS	UVTS: Synchronous type
Electrical operation device	MD	MD: Electrical operation device of motor drive type
	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 is shown by application of a Technical documentation. This is supported by selected product tests to the following Low voltage standards.

Mechanical switching devices within the scope of IEC 60947-3 are not sensitive to normal electromagnetic disturbances, and therefore no immunity tests are required.

Electromagnetic disturbance can only be generated during switching operations and are limited to switching over voltages, the duration of which is measured in milliseconds and the magnitude does not exceed the rated impulse withstand voltage. Therefore the requirements for electromagnetic emission are deemed to be satisfied and no verification is necessary.

Harmonized European Standards:

Reference No. EN 60947-3:2009/A2:2015
EN 60947-5-1: 2017

IEC standard

Reference No. IEC 60947-3:2008/A2:2015
IEC 60947-5-1:2016

The Mitsubishi Technical documentation of DSN types 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