

## *EU Declaration of Conformity*

Document No.        **LCE-ND011-A**

Product:    **Switch-disconnectors, KB-D**

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 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

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



*Takeshi Kurosaki*

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

## Appendix 1 Switch-disconnectors

Products: KB-D

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) is shown by application of the Technical documentation. This is supported by selected product tests to the following LVD 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
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IEC standard

Reference No.	IEC 60947-3:2008/A2:2015
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The Mitsubishi Technical documentation of KB-D is stored at the following location:

Manufacture:	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