

EU Declaration of Conformity

Document No. **LCE-ND016-C**

Product: **Miniature circuit breakers, Residual current circuit breakers and Isolating switches, DIN series**

Manufacturer: MITSUBISHI ELECTRIC INDIA PRIVATE LIMITED

Address: 3rd Floor, Tower A, Global Gateway, MG Road, Gurugram-122002, Haryana, India

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 --- EN 60898-1:2019

LVD, EMC --- EN 60947-2:2017/A1:2020

LVD, EMC --- EN 61008-1:2012/A12:2017

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: 3rd Floor, Tower A, Global Gateway, MG Road, Gurugram-122002, Haryana, India

Date: May 17, 2021

R.Dhankhar

Rakesh Dhankhar

Senior Manager, MITSUBISHI ELECTRIC INDIA PRIVATE LIMITED

Appendix 1 Miniature circuit breakers, Residual current circuit breakers and Isolating switches, DIN series

Products: Table 1 Miniature circuit breakers BHW-T10

Model of products	Rated current
BHW-T10	0.5, 1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63A

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

Products: Table 2 Accessories for BHW-T10 (Rated current 0.5 to 63A)

Kind of Accessory	Model of products
Auxiliary switch	AX-05BHW
Shunt tripping device	SHT

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.

Harmonized European Standards:

Reference No. EN 60898-1:2019

IEC standard

Reference No. IEC 60898-1:2015

Products: Table 3 Miniature circuit breakers BHW-T10

Model of products	Rated current
BHW-T10	80, 100A

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

Products: Table 4 Accessories for BHW-T10 (Rated current 80 to 100A)

Kind of Accessory	Model of products
Alarm switch	AL-1BHW
Auxiliary switch	AX-1BHW

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.

Harmonized European Standards:

Reference No. EN 60898-1:2019
EN 60947-2:2017/A1:2020

IEC standard

Reference No. IEC 60898-1:2015/A1:2019
IEC 60947-2:2016/A1:2019

Products: Residual current circuit breakers BVW-T

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 Electric 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 61008-1:2012/A12:2017

IEC standard

Reference No. IEC 61008-1:2010/A2:2013

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Products: Isolating switches KBW-T

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 DIN series is stored at the following location:

Manufacturer:	MITSUBISHI ELECTRIC INDIA PRIVATE LIMITED
Address:	3rd Floor, Tower A, Global Gateway, MG Road, Gurugram-122002, Haryana, India
Manufacture Agent	Mitsubishi Electric Europe B. V.
Address:	Mitsubishi-Electric-Platz 1, 40882 Ratingen, Germany