

EU Declaration of Conformity

Document No. LCE-ND003-A

Product: **Low-voltage Circuit-breakers, AE-SW series**

Models: **AE4000-SW,AE5000-SW,AE6300-SW**

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 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:

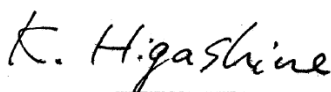
| | |
|---------------------------------------|---|
| LVD, EMC --- EN 60947-2: 2017/A1:2020 | Circuit-breakers |
| EN 60947-5-1: 2017 | Switches of accessory for circuit breaker |
| RoHS --- EN IEC 63000:2018 | |

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 AE***-SW series

Products: TABLE1. AE***-SW series

| Model of products | | |
|-------------------|-----------|-----------|
| AE4000-SW | AE5000-SW | AE6300-SW |

Products: TABLE2. Accessories

| Kind of Accessory | Model of products | Remark |
|-------------------------------|----------------------|-----------------------------|
| Auxiliary switch | AX*,HAX* | HAX:High capacity |
| Closing coil | CC | |
| Shunt tripping device | SHT | |
| Motor charging device | MD* | |
| Under voltage tripping device | UVT | |
| Shorting b-contact | SBC* | |
| Cell switch | CL*,BIF-CL* | |
| ETR base | ETRBASE | |
| Main setting plug | WS,WM,WB | |
| Optional setting plug | G1,E1,AP,N5 | |
| Extension module | EX1 | |
| Display | DP1,DP2 | DP2:Display onto panelboard |
| VT unit | VT | |
| Power supply | PW1,PW2,PW3,PW4,PW5 | |
| Interface unit | BIF-CC,BIF-MD,BIF-PR | |
| I/O unit | BIF-CON | |

(*):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 AE*** -SW series is stored at the following location:

Factory: Mitsubishi Electric Corporation, Fukuyama Works
Address: 1-8 Midorimachi, Fukuyama-city, Hiroshima-pref. 720-8647 Japan

Manufacture Agent: Mitsubishi Electric Europe B.V.
Address: Mitsubishi-Electric-Platz 1, 40882 Ratingen, Germany