

# TYPE APPROVAL CERTIFICATE

DNV·GL

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **24 828 - 05 HH**

Company **Mitsubishi Electric Corporation  
Fukuyama Works  
1-8 Midori-Machi  
Fukuyama-City, Hiroshima 720-8647, JAPAN**

Product Description **Air Circuit Breaker**

Type **AE630-SW, AE1000-SW, AE1250-SW, AE1600-SW, AE2000SWA**

Environmental Category **C**

Technical Data /  
Range of Application

Rated current Ie :	125 up to 2000 A		
Rated operational voltage Ue :	690 V AC		
Rated insulation voltage Ui :	1000 V		
Rated frequency fe :	50/60 Hz		
Rated impulse withstand voltage Uimp :	12 kV		
Utilization category :	B		

Rated short-circuit capacity at 500 V AC	600 V AC	690 V AC
Icm :	143 kA	143 kA
Icu :	65 kA	65 kA
Ics :	65 kA	65 kA
Icw (1s):	65 kA	65 kA

Release systems : Electronic Trip Relay WS ( LTD+ STD+ INST. / MCR)  
Electronic Trip Relay WM ( LTD+ STD+ INST. / MCR)  
Electronic Trip Relay WB ( INST. / MCR)

Test Standard **GL Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2012, EMC1, IEC60947-2 Ed. 3.0 (2003), IEC60947-2 Ed.4.2 (2013)**

Documents **Test report : Mitsubishi Electric Corp. and TMT&D Corp., Seibu High Power Testing Laboratory, dated 2004-11-04, KGA150036 dated 2015-03-03  
EMC Test Report LEN046085 dated 2004-11-05  
Environmental Test Report LEN040107 dated 2004-12-21**

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.**

Valid until **2020-02-24**

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File No. **I.K.01**

**Hamburg, 2015-04-02**

Type Approval Symbol

