

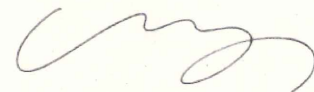
## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>Mitsubishi Electric Corporation, Fukuyama Works</b>
<b>Address</b>	1-8, Midori-machi, Fukuyama, Hiroshima, 720-8647 Japan
<b>Place of Production</b>	Mitsubishi Electric Corporation, Fukuyama Works 1-8, Midori-machi, Fukuyama, Hiroshima, 720-8647 Japan
<b>Place of Production</b>	Mitsubishi Electric Low Voltage Equipment (Xiamen) Co., Ltd. 2nd Floor, No.122-126(double), Yingyao Road, Jimei, Xiamen, Fujian Province, 361021 People's Republic of China
<b>Type</b>	Circuit Breaker
<b>Description</b>	Low Voltage Circuit Breakers
<b>Trade Name</b>	AE-SW Series AE630-SW, AE1000-SW, AE1250-SW, AE1600-SW, AE2000-SWA, AE2000-SW, AE2500-SW, AE3200-SW, AE4000-SWA, AE4000-SW, AE5000-SW, AE6300-SW
<b>Application</b>	Protection and switching of distribution circuits for marine and offshore applications.
<b>Specified Standard</b>	IEC 60947-2 Edition 4.2 (2013)
<b>Ratings</b>	See Appendix

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Group Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2001941TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.



**Toshihiro Shigeno**

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A member of the Lloyd's Register group

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**Appendix**

**RATINGS:**

Type	Current rating at 45°C (A)	Rated voltage (V)	Breaking current (r.m.s.) (kA) Icu/Ics	Making current (peak asymmetrical) (kA) Icm	Power factor	Over-current release	Standard
AE630-SW	125~630	690	65/65	143.1	0.162	Solid state tripping device	IEC60947-2  Utilisation category: B  Suitable for isolation
AE1000-SW	400~1000						
AE1250-SW	625~1250						
AE1600-SW	800~1600						
AE2000-SWA	1000~2000	500	65/65	143.1	0.162		
AE2000-SW	625~2000						
AE2500-SW	1250~2500						
AE3200-SW	1600~3200						
AE4000-SWA	2000~4000	690	75/75	167.0	0.172		
AE4000-SW	2000~4000						
AE5000-SW	2500~5000						
AE6300-SW	3150~6300						
AE4000-SW	2000~4000	500	85/85	188.3	0.185		
AE4000-SW	2000~4000						
AE4000-SW	2000~4000	690	85/85	188.3	0.195		
AE4000-SW	2000~4000						
AE4000-SW	2000~4000	500	138/138	315.4	0.185		
AE4000-SW	2000~4000						
AE4000-SW	2000~4000	690	85/85	188.3	0.195		
AE4000-SW	2000~4000						
AE4000-SW	2000~4000	500	138/138	315.4	0.185		
AE4000-SW	2000~4000						
AE4000-SW	2000~4000	690	85/85	188.3	0.195		
AE4000-SW	2000~4000						
AE4000-SW	2000~4000	500	138/138	315.4	0.185		
AE4000-SW	2000~4000						



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