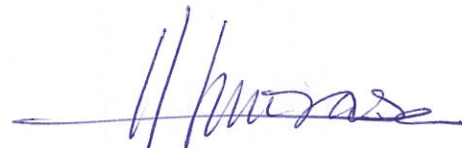


## Type Approval Certificate Extension

*This is to certify* that Certificate No. 05/10027(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Mitsubishi Electric Corporation, Fukuyama Works 1-8, Midori-Machi, Fukuyama-City, Hiroshima-Pref., 720-8647 Japan
<b>PLACE OF PRODUCTION</b>	Mitsubishi Electric Corporation, Fukuyama Works 1-8, Midori-Machi, Fukuyama-City, Hiroshima-Pref., 720-8647 Japan
<b>DESCRIPTION</b>	Low Voltage Circuit Breakers
<b>TYPE</b>	AE-SW Series Comprising: 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, offshore and industrial applications.
<b>Certificate No.</b>	05/10027(E2)
<b>Issue Date</b>	23 June 2010
<b>Expiry Date</b>	22 June 2015
<b>Sheet</b>	1 of 3



H. Murase  
Yokohama Design Support Office  
Lloyd's Register

*Lloyd's Register, registered office:*  
71 Fenchurch Street, London EC3M 4BS

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DESIGN CODE  
STANDARD

IEC 60947-2 (2003)

RATING

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				
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	195.7	0.183		
AE4000-SW	2000~4000						
AE5000-SW	2500~5000						
AE6300-SW	3150~6300						
AE4000-SW	2000~4000	690	85/85	188.3	0.195		
AE5000-SW	2500~5000						
AE4000-SW	2000~4000	500	138/138	315.4	0.185		
AE5000-SW	2500~5000						
AE4000-SW	2000~4000	690	85/85	188.3	0.195		
AE5000-SW	2500~5000						
AE4000-SW	2000~4000	500	138/138	315.4	0.185		
AE6300-SW	3150~6300						

"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 of any modification or changes to the equipment in order to obtain a valid certificate."

Certificate No. 05/10027(E2)

Issue Date 23 June 2010

Expiry Date 22 June 2015

Sheet 2 of 3



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*The attached Design Appraisal Document No. 05/10027(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 05/10027(E1) to which this extension should be attached.

<b>Certificate No.</b>	05/10027(E2)
<b>Issue Date</b>	23 June 2010
<b>Expiry Date</b>	22 June 2015
<b>Sheet</b>	3 of 3



H. Murase  
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