



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 05/10027(E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER Mitsubishi Electric Corporation, Fukuyama Works
1-8, Midori-machi, Fukuyama, Hiroshima, 720-8647 Japan

PLACE OF PRODUCTION Mitsubishi Electric Corporation, Fukuyama Works
1-8, Midori-machi, Fukuyama, Hiroshima, 720-8647 Japan

DESCRIPTION Low Voltage Circuit Breakers

TYPE 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

APPLICATION Protection and switching of distribution circuits for marine, offshore and industrial applications.

DESIGN CODE STANDARD IEC 60947-2 Edition 4.2 (2013)

Certificate No. 05/10027(E3)

Issue Date 23 June 2015

Expiry Date 22 June 2020

Sheet 1 of 3

H. Murase
Yokohama Technical Support Office
Lloyd's Register Group Limited

Lloyd's Register Group Limited
71 Fenchurch Street, London EC3M 4BS

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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	500	65/65				
AE2000-SWA	1000~2000						
AE2000-SW	625~2000	690	75/75	167.0	0.172		
AE2500-SW	1250~2500	600	75/75				
AE3200-SW	1600~3200	500	85/85				
AE4000-SWA	2000~4000	690 500	85/85 138/138	188.3 315.4	0.195 0.185		
AE4000-SW	2000~4000						
AE5000-SW	2500~5000	690 500	85/85 138/138	188.3 315.4	0.195 0.185		
AE6300-SW	3150~6300	690 500	85/85 138/138	188.3 315.4	0.195 0.185		

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

The Design Appraisal Document No. 05/10027(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 05/10027(E3)
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Sheet 2 of 3

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All other details remain as the previous Certificate No. 05/10027(E2) to which this extension should be attached.

Certificate No.	05/10027(E3)
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Sheet	3 of 3

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