



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA10662M

MANUFACTURER: ABB SACE SPA, Italy

PRODUCT: Low Voltage Circuit Breaker

TYPE NO.: Emax E1B / E1N

TYPE TEST NO.: 02T208

PARTICULARS: Rated insulation voltage a.c.1000V
Rated operational voltage a.c.230,415,440,500,690V
Rated frequency 50/60Hz
Rated impulse withstand voltage Uimp. 12kV
STANDARD IEC 60947-2:2006

NOTE: Other ratings for mentioned above are shown attached sheet.

DOCUMENTATION: LOVAG-Certificate No. IT 96.040 / IT 04.125
No. IT 05.052 / IT 05.054
LOVAG Test Record No. 96.232
ABB SACE L.V. Test Report No. 10334 / 10403

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements of electrical equipment and cables.

This certificate is valid until 18 February 2015.

Issued at Tokyo on 20 October 2010.

T. Narisawa
General Manager
Machinery Department

Attached Sheet to Cert. No. TA10662M

RATINGS:

TYPE	Rated Current In (A)	Rated Operationa l voltage(V)	Rated short-circuit making capacity Icm (kA)	Rated ultimate short-circuit breaking capacity Icu (kA)	Rated service short-circuit breaking capacity Ics (kA)	Rated short-time withstand current Icw (kA)	No. of Poles
E1B	800A	230	94.5	42	42	42	3P/4P
	1000A	415	94.5	42	42	42	
	1250A	440	94.5	42	42	42	
	1600A	500	75.6	42	42	42	
	690	75.6	42	42	42		
E1N	800A	230	105	50	50	50	3P
	1000A	415	105	50	50	50	
	1250A	440	105	50	50	50	
	1600A	500	105	50	50	50	
	690	105	50	50	50		

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