



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA10663M

MANUFACTURER: ABB SACE SPA, Italy

PRODUCT: Low Voltage Circuit Breaker

TYPE NO.: Emax E2B / E2N / E2L / E2S

TYPE TEST NO.: 02T209

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 96.058 / IT 96.057
 No. IT 98.001 / IT 05.043
 No. IT 05.044
 LOVAG Test Record No. 96.234/1 / 96.302 / 97.229
 ABB SACE L.V. Test Report No. 10356 / 10360 / 10365
 No. 10404

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.TA10663M

RATINGS:

TYPE	Rated Current In (A)	Rated Operational 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
E2B	1600A	230	94.5	45	45	45	3P
	2000A	415	94.5	45	45	45	
		440	94.5	45	45	45	
		500	94.5	45	45	45	
		690	94.5	45	45	45	
E2N	1000A	230	143	65	65	55	3P/4P
	1250A	415	143	65	65	55	
	1600A	440	143	65	65	55	
	2000A	500	121	55	55	55	
		690	121	55	55	55	
E2L	1250A	230	286	130	130	-	3P
	1600A	415	286	130	130	-	
		440	242	110	110	-	
		500	187	85	65	-	
		690	187	85	65	-	
E2S	800A	230	187	85	85	65	3P
	1000A	415	187	85	85	65	
	1250A	440	187	85	85	65	
	1600A	500-525	143	65	65	65	
	2000A	690	143	65	65	65	

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