



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA10665M

MANUFACTURER: ABB SACE SPA, Italy

PRODUCT: Low Voltage Circuit Breaker

TYPE NO.: Emax E4S / E4H / E4V

TYPE TEST NO.: 02T211

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 97.054 / IT 97.059
No. IT 97.034 / IT 97.056
No. IT 97.063 / IT 98.011
No. IT 04.126 / IT 05.019
ABB SACE L.V. Test Report No. 10388

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. TA10665M

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
E4S	4000A	230	187	85	85	85	3P/4P
		415	187	85	85	85	
		440	187	85	85	85	
		500	187	85	85	85	
		690	187	85	85	85	
E4H	3200A 4000A	230	220	100	100	100	3P
		415	220	100	100	100	
		440	220	100	100	100	
		500	187	85	85	85	
		690	187	85	85	85	
E4V	3200A 4000A	230	330	150	150	100	3P
		415	330	150	150	100	
		440	330	150	150	100	
		500-525	286	130	130	100	
		690	220	100	100	100	

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