



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA21037M

MANUFACTURER: ABB SACE SPA, Italy

PRODUCT: Low-Voltage Circuit Breaker

TYPE NO.: Emax2 E1.2B / E1.2C / E.1.2N

TYPE TEST NO.: 15T210

PARTICULARS:

Rated insulation voltage	a.c.1000V
Rated operational voltage	a.c.400-690V
Rated frequency	50/60Hz
Rated impulse withstand voltage Uimp.	12kV
No. of poles	3-4
STANDARD	IEC 60947-2 ed.4.2

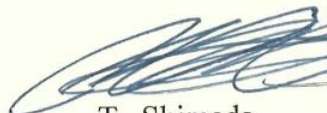
NOTE: Other ratings for mentioned above are shown attached sheet.

DOCUMENTATION: Technical catalogue – Edition 12.2013 “SACE Emax 2 New low voltage air circuit-breakers” 1SDC200023D0201

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 for electrical equipment and cables.

This certificate is valid until 11 May 2025.

Issued at Tokyo on 13 November 2020.


T. Shimada
General Manager
Machinery Department



NIPPON KAIJI KYOKAI

Attached Sheet to Cert. No. TA21037M

RATINGS:

Type		E1.2B	E1.2C	E1.2N
Rated uninterrupted current I_n (A) at 40°C		630	630	250
		800	800	630
		1000	1000	800
		1250	1250	1000
		1600	1600	1250
				1600
Rated ultimate short-circuit breaking capacity I_{cu} (kA)	415 (V)	42	50	66
	440 (V)	42	50	66
	525 (V)	42	42	50
	690 (V)	42	42	50
Rated service short-circuit breaking capacity I_{cs} (kA)	415 (V)	42	50	66
	440 (V)	42	50	66
	525 (V)	42	42	50
	690 (V)	42	42	50
Rated short-circuit making capacity I_{cm} (kA)	415 (V)	88	105	145
	440 (V)	88	105	145
	525 (V)	88	88	105
	690 (V)	88	88	105
Rated short-circuit withstand current I_{cw} (kA)	1 sec.	42	42	50

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