



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA21038M

MANUFACTURER: ABB SACE SPA, Italy

PRODUCT: Low-Voltage Circuit Breaker

TYPE NO.: Emax2 E2.2B / E2.2N / E2.2S / E2.2H

TYPE TEST NO.: 15T211

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

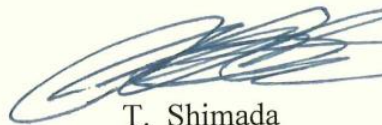
NOTE: Other ratings for mentioned above are shown attached sheet.

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



Attached Sheet to Cert. No. TA21038M

RATINGS:

Type		E2.2B	E2.2N	E2.2S	E2.2H
Rated uninterrupted current I_n (A) at 40°C		1600	800	250	800
		2000	1000	800	1000
			1250	1000	1250
			1600	1250	1600
			2000	1600	2000
			2500	2000	2500
				2500	
Rated ultimate short-circuit breaking capacity I_{cu} (kA)	415 (V)	42	66	85	100
	440 (V)	42	66	85	100
	525 (V)	42	66	66	85
	690 (V)	42	66	66	85
Rated service short-circuit breaking capacity I_{cs} (kA)	415 (V)	42	66	85	100
	440 (V)	42	66	85	100
	525 (V)	42	66	66	85
	690 (V)	42	66	66	85
Rated short-circuit making capacity I_{cm} (kA)	415 (V)	88	145	187	220
	440 (V)	88	145	187	220
	525 (V)	88	145	145	187
	690 (V)	88	145	145	187
Rated short-circuit withstand current I_{cw} (kA)	1 sec.	42	66	66	85

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