



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA21039M

MANUFACTURER: ABB SACE SPA, Italy

PRODUCT: Low-Voltage Circuit Breaker

TYPE NO.: Emax2 E4.2N / E4.2S / E4.2H / E4.2V

TYPE TEST NO.: 15T212

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

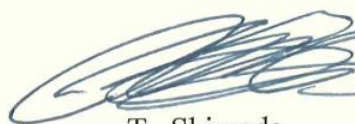
NOTE: Other ratings for mentioned above are shown attached sheet.

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. TA21039M

RATINGS:

Type		E4.2N	E4.2S	E4.2H	E4.2V
Rated uninterrupted current I_n (A) at 40°C		3200	3200	3200	2000
		4000	4000	4000	2500
					3200
					4000
Rated ultimate short-circuit breaking capacity I_{cu} (kA)	415 (V)	66	85	100	150
	440 (V)	66	85	100	150
	525 (V)	66	66	85	100
	690 (V)	66	66	85	100
Rated service short-circuit breaking capacity I_{cs} (kA)	415 (V)	66	85	100	150
	440 (V)	66	85	100	150
	525 (V)	66	66	85	100
	690 (V)	66	66	85	100
Rated short-circuit making capacity I_{cm} (kA)	415 (V)	145	187	220	330
	440 (V)	145	187	220	330
	525 (V)	145	145	187	220
	690 (V)	145	145	187	220
Rated short-circuit withstand current I_{cw} (kA)	1 sec.	66	66	85	100

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