



# NIPPON KAIJI KYOKAI

## *Certificate of Type Test*

Certificate No.

TA10668M

MANUFACTURER: ABB SACE SPA, Italy

PRODUCT: Low Voltage Circuit Breaker

TYPE NO.: Tmax T2N/T2S/T2H/T2L

TYPE TEST NO.: 06T218

PARTICULARS:	Rated insulation voltage	a.c.800V
	Rated operational voltage	a.c.220,230,380,415,440,500,690V
	Rated frequency	50/60Hz
	No. of poles	3,4P
	Rated current	160A
	Rated impulse withstand voltage Uimp.	8kV
	STANDARD	IEC 60947-2:2006

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

DOCUMENTATION:	LOVAG-Certificate	No. IT 01.038 / IT 01.039
		No. IT 01.040 / IT 01.041
		No. IT 01.042 / IT 01.052
		No. IT 01.053 / IT 01.054
		ABB SACE L.V. Test Report LBRP5157

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 13 July 2015.

Issued at Tokyo on 20 October 2010.

T. Narisawa  
General Manager  
Machinery Department

Attached Sheet to Cert. No. TA10668M

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)
T2N	160A	220/230	143	65	65	-
		380/415	75.6	36	36	-
		440	63	30	30	-
		500	52.5	25	25	-
		690	9.2	6	6	-
T2S	160A	220/230	187	85	85	-
		380/415	105	50	50	-
		440	94.5	45	45	-
		500	63	30	30	-
		690	11.9	7	7	-
T2H	160A	220/230	220	100	100	-
		380/415	154	70	70	-
		440	121	55	55	-
		500	75.6	36	36	-
		690	13.6	8	8	-
T2L	160A	220/230	264	120	120	-
		380/415	187	85	70	-
		440	165	75	56	-
		500	105	50	38	-
		690	17	10	8	-

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