



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA10671M

MANUFACTURER: ABB SACE SPA, Italy
 PRODUCT: Low Voltage Circuit Breaker
 TYPE NO.: Tmax T5S/T5H/T5L/T5V
 TYPE TEST NO.: 06T221

PARTICULARS: Rated insulation voltage a.c.1000V
 Rated operational voltage a.c.415,440,690V
 Rated frequency 50/60Hz
 No. of poles 3,4P
 Rated current 400A,630A
 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 03.118 / IT 03.119 / IT 03.120
 No. IT 03.121 / IT 03.122 / IT 03.123
 No. IT 03.124 / IT 03.134 / IT 03.135
 No. IT 03.136 / IT 03.137 / IT 03.138
 No. IT 03.139 / IT 03.140 / IT 03.150
 No. IT 03.151 / IT 04.012 / IT 04.013
 No. IT 04.014 / IT 04.015 / IT 04.019
 LOVAG Test Record No.96.232
 ABB SACE L.V. Test Report No.10334 / 10403

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. TA10671M

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)	
T5H	400A	415	154	70	70	-	
		440	143	65	65	-	
		690	84	40	40(*30)	-	
T5L		415	264	120	120	-	
		440	220	100	100	-	
		690	154	70	70(*35)	-	
T5S		630A	415	105	50	50	-
			440	84	40	40	-
			690	52.5	25	25	-
T5V	415		440	200	200	-	
	440		396	180	180	-	
	690		176	80	80(*40)	-	

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