



Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No.	3326606 HH
Company	ABB SACE S.p.A Via Baioni 35 24123 Bergamo, ITALY
Product Description	Air Circuit Breaker
Type	E4V32, E4V40 Series EMAX, 3-pole
Environmental Category	C
Technical Data / Range of Application	Rated current I_n : 2000-3200 / 2000-4000 A Rated operational voltage U_e : 690 V AC Rated insulation voltage U_i : 1000 V Rated impulse voltage U_{imp} : 12 kV Rated frequency : 50/60 Hz Utilization category: B Rated short-circuit capacity at 440 / 690 V: I_{cm} [kA] : 330 kA / 220 kA I_{cu} [kA] : 150 kA / 100 kA I_{cs} [kA] : 125 kA / 100 kA I_{cw} [kA] : 75 kA / 75 kA, (1 sec) Release system: SACE PR111, PR112, PR113, PR121, PR122 and PR123 (L, S, I, G) Communication port for monitoring purposes only
Test Standard	Guidelines for the Performance of Type Approvals (2003) IEC 60947-2 1995/A1:1997/A2:2003 Annex H
Documents	Test report : LOVAG 04.126, 05.019, 98.011, ETL SEMKO C133_06, C133_08, ,E13306, E13307, E13308, E13309, ACAE 05-033, 05-034, SE-41931
Remarks	None
Valid until	2016-11-21
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File No.	I.K.01
	Hamburg, 2011-11-22

Type Approval Symbol



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This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part 0, Procedure".