



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.	3326306 HH
Company	ABB SACE S.p.A Via Baioni 35 24123 Bergamo, ITALY
Product Description	Air Circuit Breaker
Type	E1N08, E1N10, E1N12, E1N16 Series EMAX, 3-pole
Environmental Category	C
Technical Data / Range of Application	Rated current In : 250-800 / 250-1250 / 250-1600 Rated operational voltage Ue: 690 V AC Rated insulation voltage Ui : 1000 V Rated impulse voltage Uimp : 12 kV Rated frequency : 50/60 Hz Utilization category: B Rated short-circuit capacity at 440 / 690 V: Icm [kA] : 105 kA/ 105 kA Icu [kA] : 50 kA/ 50 kA Ics [kA] : 50 kA/ 50 kA Icw [kA] : 50 kA/ 50 kA (1 sec) Release system: SACE 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 Annex H
Documents	Test report : LOVAG 01.032, 04.125, 05.052, 05.054 ETL SEMKO C133_06, C133_08, E13306, E13307, E13308, E13309 ACAE 05-033, 05-034
Remarks	None
Valid until	2016-11-21
Page	1 of 1
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".