




# 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.	<b>3326506 HH</b>
Company	<b>ABB SACE S.p.A Via Baioni 35 24123 Bergamo, ITALY</b>
Product Description	<b>Air Circuit Breaker</b>
Type	<b>E3V08, E3V12, E3V16, E3V20, E3V25, E3V32 Series EMAX, 3-pole</b>
Environmental Category	<b>C</b>
Technical Data / Range of Application	<b>Rated current In : 250 - 800 / 250-1250 / 250-1600 / 250-2000 / 250 -2500 / 250- 3200 A 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 440 / 690 V: Icm [kA] :286 kA / 220 kA Icu [kA] : 130 kA / 100 kA Ics [kA] : 100 kA / 85 kA Icw [kA] : , (1 sec)  Release system: SACE PR111, PR112, PR113, PR121, PR122 and PR123 (L, S, I, G) Communication port for monitoring purposes only</b>
Test Standard	<b>Guidelines for the Performance of Type Approvals (2003) IEC 60947-2 1995/A1:1997/A2:2003 Annex H</b>
Documents	<b>Test report : LOVAG 05.002, 05.003, 05.018, 96.060, ETL SEMKO C133_06, C133_08, ,E13306, E13307, E13308, E13309, ACAE 05-033, 05-034, SE-41932</b>
Remarks	<b>None</b>
Valid until	<b>2016-11-21</b>
Page 1 of 1	Type Approval Symbol 
File No. I.K.01	
<b>Hamburg, 2011-11-22</b>	

Germanischer Lloyd

Christoph Kutzner

Harald Amberger

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