



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. **1132298 HH**

Company **ABB SACE S.p.A**
Via Baioni 35
24123 Bergamo, ITALY

Product Description **Air Circuit Breaker**

Type **E6V32, E6V40, E6V50, E6V63**
Series EMAX, 3-pole

Environmental Category **C**

Technical Data /
Range of Application **Rated current In : 800-3200 / 800-4000 / 800-5000 / 800-6300 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 :
Performance at : 440 V
Icm [kA] : 330 kA
Icu [kA] : 150 kA
Ics [kA] : 125 kA
Icw [kA] : 100 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 947-2 (1989), EN 60947-2 (1991-10) Amendment 4 (2006) Annex H

Documents **Test report : ACAE-LOVAG No. IT 97.068, 97.069,**
SINAL No. IA/TTR-97/005, Mariperma No. 9466, 9467, LBRP 7147/00
ABB SACE No. 10334, 10335, 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

Type Approval Symbol



File No. **I.K.01**

Hamburg, 2011-11-22

Germanischer Lloyd

Christoph Kutzner

Harald Amberger

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