



ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

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Certificate of Conformity

LOVAG-Certificate No. IT 11.060

Apparatus

Low voltage switchgear assembly - 3 phases + neutral - 690 V (U_e) -
1000 V (U_i) - 8 kV (U_{imp}) - 1600 A (I_n) - 65 kA (I_{cw}) - frequency 50 Hz

Designation

IS 2

Manufacturer or responsible vendor

ABB S.p.A. – ABB SACE Division (Formerly: ABB SACE S.p.A)

Via Italia, 58 - 23846 Garbagnate Monastero (LC) Italy

Tested for: ABB S.p.A. – ABB SACE Division

Tested by: ACAE Laboratory IA.01

The apparatus, constructed in accordance with the description mentioned in the Test Report listed on this Certificate has been subjected to the series of proving tests in accordance with IEC/EN 60439-1:1999, CEI/EN 60439-1: 2000-11

The results of the test carried out fulfill the requirements of the relevant part of the current IEC 61439-2 Ed.1.0 (2009-01):

- Verification of the short-circuit withstand strength (10.11.5.3)
- Verification of the protective circuit (10.11.5.6)

The results are shown in the Test Report in accordance to LOVAG. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the characteristic assigned by the manufacturer as stated below.

- Rated short-time withstand current (I_{cw}): 65 kA
- Rated peak withstand current (I_{pk}): 143 kA
- Effectiveness of the protective circuit up to: 39 kA

This document includes Report No.: 04.170

Issue Date: 2005.04.13

Responsible Certification Body: ACAE



PRD N°070B
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

Mauro Marchi

Authorized Signature

Date: 2011.05.27

This Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designation with that tested rests with the manufacturer or responsible vendor.

This certificate has been prepared according to LOVAG (Low Voltage Agreement Group) Objectives and Operating Principles of mutual recognition.

The responsible certification body as member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Test Instructions wherever applicable.

Only integral reproduction of this Certificate or reproductions of this page accompanied by any page(s) on which are stated the tests performed and the assigned rated characteristics of the apparatus tested, are permitted without written permission from the LOVAG signatory responsible for this Certificate.

The expiry of this certificate see ACAE certification scheme.