



ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

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Certificate of Conformity

LOVAG-Certificate No. IT 05.022

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 SACE S.p.A. Automation and Distribution Boards Division -
Via Italia, 58 - 23846 Garbagnate Monastero (LC) Italy

Tested for: ABB SACE S.p.A.

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 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.

- I_{cw} 65 kA - Current duration 1000 ms
"8.2.3: Verification of short-circuit withstand strenght" 3 phase test
- I_{cw} 39 kA - Current duration 1000 ms
"8.2.3: Verification of short-circuit withstand strenght" Phase/neutral test
- I_{cw} 39 kA - Current duration 1000 ms
"8.2.4: Verification of effectiveness of the protective circuit" Phase/
protective conductor test

This document includes Report No.: 04.170

Issue Date: 2005.04.13

Responsible Certification Body: ACAE

SINCERT
ACCREDITAMENTO ORGANISMO DI CERTIFICAZIONE E ISPEZIONE

PRD N°070B

Signatory of EA and IAF Mutual Recognition Agreements

Mauro Marchi

Authorized Signature

Date: 2005.04.14

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.