



Certificate of Conformity

LOVAG-Certificate No.: IT 15.001

This Certificate applies only to the apparatus verified. The responsibility for conformity of any apparatus having the same designation with that verified 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 a member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Verification instruction wherever applicable.

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Apparatus:

Low voltage assembly 415V (U_e) – 4000A (I_n)– 75kA (I_{cw})– 690V (U_l) – 8kV(U_{imp}) – 50Hz(f) – IP41

Designation Type:

System Pro E Power 4000A

Manufacturer:

ABB S.p.A. – ABB SACE Division

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

Applicant:

ABB S.p.A. – ABB SACE Division

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

Verified by: ACAE Laboratory IA01

The apparatus, constructed in accordance with the description mentioned in the Report listed in this Certificate has been subjected to the series of proving verifications in accordance with IEC 61439-2 Ed.2.0 (2011-08) and EN 61439-2(2011)

(This standard complies also with the requirements of the previous standard IEC 60439)

- Verification of temperature rise-limits (10.10)
- Dielectric properties (10.09)

The results are shown in the 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 characteristics assigned by the manufacturer as stated below:

- Verification of temperature rise-limits :

Circuit	I0	IG	I1	I2	I3	I4	I5	I6	I7
Test current (I_{nc}) A	3200	3200	140	210	330	535	400	1900	1300

- Dielectric properties:

Power frequency withstand voltage 690V : test voltage 1890 V, duration 5 s
Impulse withstand voltage 8kV : test voltage 8 kV

This document includes: Test Report No.: 262
Issue Date : 2014.12.18

Responsible Certification Body: ACAE
Via Tito Livio, 5 – 24123 – BERGAMO (Italy)



PRD N°0708
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

Virginio Scaroni
Authorized Signature: Virginio Scaroni
Date: 2015.01.30