ACAE

LOVAG

Certificate
of Conformity

LOVAG-Certificate No.: IT 15.084

Apparatus: **Low voltage assembly**
480V (U_e) – 1000V (U_i) – 8kV (U_{imp}) – 4000A (I_{nA})– 65kA (I_{cw}) – 50Hz (f)

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 TR 61641 Ed. 3.0 (2014-9)

Arc Fault Tests in according with Client's Instructions.
The test procedure and test parameters were based on IEC TR 61641 Paragraph 8.

The results are shown in the Test Report in accordance to ACAE procedures. 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 :

-Permissible conditional short-circuit current under arcing conditions (Ipc arc) with 65kA for 0.3s at 480V (arcing class A) on circuits I1- I2- I3 - I4 - I6.

-Permissible conditional short-circuit current under arcing conditions (Ipc arc) with 65kA for 0.3s at 480V (arcing class A) on Distribution bars and circuits I0 (main busbars) – IG - I1 – I5 –I6.

This document includes: Test report N°: 727
Issue Date: 2017-07-31

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

Authorized Signature Virginio Scarioni
Date: 2017.11.03

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

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