



ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

Via Tito Livio, 5 – 24123 – BERGAMO (Italy)

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Certificate of Conformity

LOVAG-Certificate No. **IT 14.137**

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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.

Apparatus

Low voltage assembly System pro *E* Power 3200A –
415V (U_e) – 3200A (I_{na}) – 100kA (I_{cw}) – 8kV (U_{imp}) – 50Hz(f) – IP65

Designation

System Pro *E* Power 3200A

Manufacturer or responsible vendor:

ABB S.p.A. – ABB SACE Division
Via Italia, 58 - 23846 Garbagnate Monastero (LC) Italy

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

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

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 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 the protective circuit (10.5)
- Verification of the temperature-rise limits (10.10)
- Verification of the short-circuit withstand strength (10.11)

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 characteristics assigned by the manufacturer as stated in page 2.

Responsible Certification Body : ACAE
Virginio Scaroni

Authorized signature

Date: 2014.12.23



PRD N°070B

Signatory of EA, IAF and ILAC

Mutual Recognition Agreements



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- Verification of the protective circuit : $< 0.1 \text{ ohm}$

-Verification of the temperature-rise limits :

Circuit	Main (I0)	IG	I1	I2
Test current (I_{nc}) A	3200	3200	1600	1600

- Verification of the short-circuit withstand strength I_{cw} :

100kA for 1s (Circuits I0 and IG)

60kA for 1s phase - neutral (Circuits I0 and IG)

60kA for 1s on protective circuit

-Verification of the rated conditional short-circuit current I_{cc} :

100kA at 436V (Circuits IG and I1)

This document includes Test Report No. : 443

Issue date: 2015.01.26



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

Responsible Certification Body : ACAE

Virginio Scaroni

Authorized signature

Date: 2014.12.23