



# Certificate of Conformity

LOVAG-Certificate No.: IT 19.081  
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**Apparatus Low-voltage assembly**

415 V ( $U_n$ ) – 1000 V ( $U_i$ ) – 12 kV ( $U_{imp}$ ) – 50 Hz (f) – 3600 A ( $I_{nA}$ ) – 100 kA ( $I_{cc}$ ) – IP31

**Designation Type System pro E power 3200**

**Manufacturer ABB S.p.A. – ABB Sace Division**

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

**Applicant: Manufacturer ABB S.p.A. – ABB Sace Division**

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

**Verified by: ACAE Laboratory:  
IA01 Bergamo (Italy)**

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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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 (2011-10):

- 10.4 Verification clearance and creepage distances
- 10.9 Verification of dielectric properties
- 10.10 Verification of temperature-rise limits

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 at pages below:

Power frequency withstand voltage ( $U_i$ ):	1000 V
Rated impulse withstand voltage ( $U_{imp}$ ):	12 kV
Rated current of the assembly ( $I_{nA}$ ):	3600 A

This document includes : Test report No. 1192  
Issue date: 2019.05.15

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



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

Authorized Signature: Virginio Scarioni  
Date: 2019.06.21