



# Certificate of Conformity

LOVAG-Certificate No.: IT 20.034  
Page 1 of 1

**Apparatus: Low-voltage assembly**

415 V ( $U_n$ ) – 1000 V ( $U_i$ ) - 8 kV ( $U_{imp}$ ) – 50 Hz (f) – 6300 A ( $I_{nA}$ )  
85 kA ( $I_{cw}$ ) x 1 s (t) – IP3X

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.

**Designation Type: System Pro E Power 7000A**

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

**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 Bergamo (Italy)**

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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 Standard IEC 61439-2 Ed.2.0 (2011-08) and EN 61439-2 (2011-10):

- 10.4 Verification clearance and creepage distances
- 10.5 Verification of the protective circuit
- 10.9 Verification of dielectric properties
- 10.10 Verification of temperature-rise limits
- 10.11 Short-circuit withstand strength



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 no. 2



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

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

Authorized Signature Virginio Scaroni  
Date: 2020.05.19



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Circuit	I0	Functional unit				
		I1	I2	I3	I4	-
Rated operational voltage $U_e/V$	415	415	415	415	415	-
Rated insulation voltage $U_i/V$	1000	1000	1000	1000	1000	-
Rated current $I_{nc}/A$	6300	2800	3300	2500	2800	-
Rated diversity factor	1	1	1	1	1	-
Rated short-time withstand current $I_{cw}/kA - t/s$	-	-	-	-	85(1s)	-
Rated peak withstand current $I_{pk}/kA$	-	-	-	-	187	-
Rated conditional short-circuit current $I_{cc}/kA$	-	-	-	-	100	-

This document includes : Test Report No. 1135  
Issue date: 2020.04.14



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

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

Authorized Signature: Virginio Scarioni  
Date: 2020.05.19