



ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

Via Tito Livio, 5 – 24123 – BERGAMO (Italy)
Tel. +390354175244 fax. +390354534662 e-mail:acaecert@tin.it



Certificate of Conformity

LOVAG-Certificate No. IT 12.079
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Apparatus

Low voltage switchgear and controlgear assembly – 3 phases+ neutral –
415V(U_e) – 1000V (U_i) – 8kV (U_{imp}) – 1000A (I_{na}) – 65kA 1sec. (I_{cw}) –
frequency 50/60Hz – IP43

Designation

Artu PB 1250A

Manufacturer or responsible vendor

ABB S.p.A. – ABB Sace Division

Via Italia n.58 – 23846 Garbagnate Monastero (LC) Italy

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

Tested by: ACAE Laboratory IA 01

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 characteristics of the apparatus Tested, are permitted without written permission from the LOVAG responsible for this Certificate.

Part of this certificate is subject to ACAE certification scheme.

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 (2011-8) EN 61439-2 (2011).

- Verification of dielectric properties (10.9)
- Verification of temperature rise limit (10.10.2.3.5)

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 below.

415V(U_e) – 1000V (U_i) – 8kV (U_{imp})

This document includes Test report No. : 11.264
Issue date: 2012.10.25

Responsible Certification Body : ACAE
Mauro Marchi



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

Authorized signature

Date: 2012.10.29

LOVAG CERTIFICATES

- LOVAG** is the Low Voltage Agreement Group which is a Mutual Agreement Group of Certification Bodies founded in 1991 which has achieved a high level of competence in testing and certification of low voltage equipment. LOVAG's main purpose as an Agreement Group shall be for the mutual recognition of test reports and/or certificates of conformity by its signatories.
- Membership** LOVAG presently has seven signatories (Certification Bodies) to the Agreement: ACAE (Italy), ALPHA at VDE (Germany), Applus⁺ LGAI (Spain), ASEFA (France), IMQ (Italy), Intertek Semko AB (Sweden), and SGS Belgium NV - Division SGS CEBEC (Belgium) and employs about 30 Testing Laboratories.
- Certificates** LOVAG Certificates are issued by the LOVAG Certification Bodies using test reports and certificates in a common and recognisable format in the market. They are recognised and accepted in the European Economic Area and elsewhere in the world.
- Test Instructions** LOVAG uses common LOVAG Test Instructions for each of the International and European Standards covered by the Agreement and signatories to the Agreement abide by these when testing for LOVAG Certification.
- Qualifications** All signatory bodies to the Agreement are accredited to EN 45011 (ISO/IEC Guide 65) by accreditors being members of IAF, the International Accreditation Forum. They are located in a member country of the EU and their laboratories are accredited and/or assessed to EN ISO/IEC 17025.

For further information contact your local certification body from the list below or contact the Secretariat of LOVAG by e-mail: office@lovag.net

List of LOVAG Certification Bodies:

ACAE Via Tito Livio 5 I-24123 Bergamo ITALY Fax: + 39 035 453 4662 e-mail: acaecert@tin.it		ASEFA 33 av du general leclerc F-92260 Fontenay-aux-roses FRANCE Fax: + 33 1 40 95 88 18 e-mail: asefa@lcie.fr	
ALPHA at VDE Merianstrasse 28 D-63069 Offenbach GERMANY Fax: + 49 69 8306-332 e-mail: alpha@vde.com		Intertek Semko AB Box 1103, Torshamnsgatan 43 SE-164 22 Kista SWEDEN Fax: + 46 8 750 6030 e-mail: lovag@semko.se	
Applus⁺ LGAI Campus UAB E-08193 Bellaterra (Barcelona) SPAIN Fax: + 34 93 567 20 01 e-mail: amarginet@appluscorp.com		SGS Belgium N.V. Division SGS CEBEC Business Riverside Park Avenue Internationalelaan, 55 B-1070-Brussels BELGIUM Fax: + 32 2 556 00 36 e-mail: silvio.piras@sgs.com	
IMQ S.p.A. Via Quintiliano 43 20138 Milano ITALY Fax: +39 0250991510 e-mail: lovag@imq.it			

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CIRCUIT See page 3 of 3	RATED CURRENT (I _n) A	TEST NUMBER See Test report
I ₀	1000 (I _{nA})	1-2
I ₁	115 (I _{nc})	1
I ₂	34 (I _{nc})	1
I ₃	175 (I _{nc})	1
I ₄	70 (I _{nc})	1
I ₅	200 (I _{nc})	1-2
I ₆	180 (I _{nc})	2
I ₇	320 (I _{nc})	1-2
I ₈	280 (I _{nc})	2

Responsible Certification Body : ACAE
Mauro Marchi



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

Authorized signature








Date: 2012.10.29

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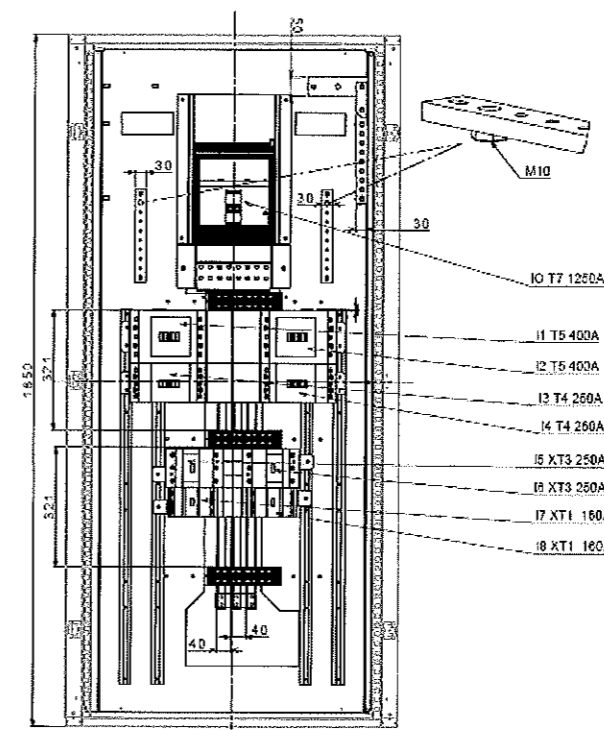
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FIGURATION OF THE ASSEMBLY



Responsible Certification Body : ACAE
Mauro Marchi



PRD N°0708
Signatory of EA, IAF and ILAC
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Authorized signature
Date: 2012.10.29