



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 08.103

Page 1 of 2

Apparatus

Low voltage switchgear and controlgear assembly - 3 phases - 415 V (U_e) - 800 V (U_i) - 8 kV (U_{imp}) - frequency 40/60 Hz - 4000 A - IP 41 - 65 kA (I_{cw}) 1 sec - 65 kA (I_{cc}) at 415 V Form 4b

Designation

ArTu K 4000 A

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 60439-1 Ed.4.1 (2004) and EN 60439-1 (1999) + A1 (2004)

- Verification of temperature-rise limits (8.2.1)

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 characteristic assigned by the manufacturer as stated below:

415 V (U_e) - 40/60 Hz
IP 4X - Form 4b

This document includes Report No.: 08.166
Issue Date: 2008.12.11

Responsible Certification Body: ACAE

Mauro Marchi

Authorized Signature

Date: 2008.12.19

SINCERT

ACCREDITAMENTO ORGANISMI DI CERTIFICAZIONE E ISPEZIONE

PRD N°070B

Signatory of EA and IAF Mutual Recognition Agreements

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 Secretary responsible for this Certificate.

The validity of this certificate is linked to the ACAE certification scheme.



ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

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

tel. +39035 4175244 fax. +39035 4534662 e-mail: acaecert@tin.it



Certificate of Conformity

LOVAG-Certificate No. IT 08.103

Page 2 of 2

Circuit	Rated current (I_n) A	Test current A
I G	4000	4000
I 1	1000	1000
I 2	160	160
I 3	63	63
I 4	63	63
I 5	63	63
I 6	63	63
I 7	63	63
I 8	63	63
I 9	100	100
I 10	630	630
I 11	400	400
I 12	400	400

SINCERT
ACCREDITAMENTO ORGANISMI DI CERTIFICAZIONE E SPEZIAZIONE

Responsible Certification Body: ACAE

PRD N°070B

Signatory of EA and IAF Mutual Recognition Agreements