



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 08.108**

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Apparatus

Low voltage switchgear and controlgear assembly - 3 phases + neutral -
415 V (U_e) - 690 V (U_l) - 8 kV (U_{imp}) - frequency 50 Hz - 3200 A - IP 31 -
65 kA (I_{cw}) 1 sec - 65 kA (I_{cc}) at 415 V

Designation

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

- Verification of temperature-rise limits (8.2.1)
- Verification of the dielectric properties (8.2.2)
- Verification of the short-circuit withstand strength (8.2.3)
- Verification of the effectiveness of the protective circuit (8.2.4)

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) - 50 Hz - 690 V (U_l)
8 kV (U_{imp}) - IP 3X

This document includes Report No.: 08.059
Issue Date: 2008.11.11

Responsible Certification Body: ACAE

SINCERT

ACCREDITAMENTO ORGANISMO DI CERTIFICAZIONE E ISPEZIONE

PRD N°070B

Signatory of EA and IAF Mutual Recognition Agreements

Mauro Marchi

Authorized Signature

Date: 2008.12.19

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 Laboratory responsible for this Certificate.

Copy of this certificate is part of the ACAE certification scheme.



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Circuit	Rated current (I_n) A	Test current A	Rated short time withstand current (I_{cw}) kA for 1 sec	Conditional short-circuit current (I_{cc}) kA at 415 V
I 0	3200	3200	65	--
I 1	1600	1280	--	65
I 2	800	800	--	65
I 3	160	135	--	65
I 4	160	125	--	65
I 5	160	100	--	65
I 6	160	120	--	65
I 7	250	225	--	65
I 8	250	170	--	65
I 9	400	360	--	65
I 10	630	530	--	65

Responsible Certification Body: ACAE

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