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LOVAG

Certifié conforme à l'original
Le 03 NOV. 2003
Le secrétariat permanent de l'ASEFA
G. GOSSE

Certificate

of Conformity

LOVAG-Certificate No. FR03-023

Apparatus

ENCLOSED CONTACTOR

Designation

AL16-30-10

Manufacturer or responsible vendor
ABB Entrelec – Control division
10 rue Ampère
69685 – CHASSIEU

Tested for: ABB Entrelec

Tested by: ASEFA platform G03

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 60947-4-1(2nd edition 2000-11) and amend 1 (2002), EN 60947-4-1(2001-02) and amend 1 (2002), NF EN 60947-4-1 (2001-05) and amend 1 (2003) tests sequences II and III
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.

Main circuit 3 pole Ui= 1000 V Ith = 30 A
Sequence II

Ue (V)	≤ 415 V	> 415 and ≤ 440 V	> 440 V and ≤ 500V	> 500 V and ≤ 690 V
Ie (A) AC-3	17	16	14	10
Ie (A) AC-4	17	16	14	9

Sequence III (AC1) SCPD : fuses 32 AgG
Ue = 500 V Ie = 30 A "r" = 3 kA

This document includes Report No.: G03-03558
Issue Date: 2003.09.17

Responsible Certification Body

I. HELLER
Authorized Signature
Date: 03 NOV. 2003

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.

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Certificate

of Conformity

LOVAG-Certificate No. FR03-029

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.

Apparatus

CONTACTOR

Designation

AL 16-30-10

Manufacturer or responsible vendor
ABB Entrelec – Control division
10 rue Ampère
69685 – CHASSIEU

Tested for: ABB Entrelec

Tested by: ASEFA platform G11

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 60947-4-1(2nd edition 2000-11) and amend 1 (2002), EN 60947-4-1(2001-02) and amend 1 (2002), NF EN 60947-4-1 (2001-05) and amend 1 (2003) test sequences I and IV

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.

Main circuit 3 pole Ui= 1000 V Uimp = 8 kV Ith = 30 A

Ue (V)	≤ 415 V	> 415 & ≤ 440	> 440 & ≤ 500	> 500 & ≤ 690
Ie (A) AC-1	30	30	30	30
Ie (A) AC-3	17	16		10
Ie (A) AC-4	17	16		9

This document includes Report No.: G11-2003564
Issue Date: 2003.09.09

Responsible Certification Body

I. HELLER
Authorized Signature
Date: 30 OCT. 2003

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