

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



Certificate of Conformity

LOVAG-Certificate No. FR03-025

Apparatus

ENCLOSED CONTACTOR

Designation

AL30-30-10

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) Test 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 $U_i = 1000\text{ V}$ $I_{th} = 65\text{ A}$

Sequence II

Ue (V)	≤ 440 V	> 440 V ≤ 500V	> 500 V ≤ 690V
Ie (A) AC-3	33	23 28 /	15 18
Ie (A) AC-4	33	28 23 /	18 18

Sequence III (AC1) SCPD : fuses 63 AgG
 $U_e = 500\text{ V}$ $I_e = 55\text{ A}$ $r = 3\text{ kA}$

pas bon

This document includes Report No.: G03-03475

Issue Date: 2003.08.21

Responsible Certification Body


 I. HELLER
 Authorized Signature
 Date: 03 NOV. 2003



Certificate of Conformity

LOVAG-Certificate No. FR03-033

Apparatus

CONTACTOR

Designation

AL 30-30-10

Manufacturer or responsible vendor

ABB Entrelec – Control division
10 rue Ampère
69685 – CHASSIEU

Tested for: ABB Entrelec

Tested by: ASEFA platform G11

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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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 = 65 A	
Ue (V)	≤ 240 V	> 240 & ≤ 440	> 440 & ≤ 500	> 500 & ≤ 690
Ie (A) AC-1	55	55	55	55
Ie (A) AC-3	33	32	28	
Ie (A) AC-4	33		23	

This document includes Report No.: G11-2003474
Issue Date: 2003.09.15

Responsible Certification Body


I. HELLER
Authorized Signature
Date: 30 OCT. 2003