



**asefa**  
association  
de stations d'essais françaises  
d'appareils électriques

**Certifié conforme à  
l'original**

**le 14 MAI 1997**

**Le Président de l'ASEFA  
E. BEAU**



# Certificate of Conformity

LOVAG-Certificate No: FR 97-039

**Apparatus** ENCLOSED CONTACTOR

**Designation** A16-30-10

**Manufacturer or responsible vendor**

ABB CONTROL  
10, rue Ampère - ZI - BP 114  
69685 CHASSIEU CEDEX - FRANCE

**Tested for:** ABB CONTROL

**Tested by:** ASEFA platform G03

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 Signatory responsible for this Certificate.

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 947-4-1 (1990-05), corrigendum (dec. 91) and amendment 1 (1994-11), EN 60 947-4-1 (1992-01) and amendment A1 (1995-01), 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.

<b>Main circuit</b>	3-pole	U <sub>i</sub> = 1 000 V - 50 Hz	I <sub>th</sub> = 30 A
<b>Sequence II</b>			
U <sub>e</sub> (V)	:	≤ 440	> 440, ≤ 500
I <sub>e</sub> (A) AC3	:	17	14
I <sub>e</sub> (A) AC4	:	17	14
<b>Sequence III (AC1)</b>			
U <sub>e</sub> = 400 V		I <sub>e</sub> = 30 A	"r" = 3 kA
SCPD : fuses FERRAZ 32 AgG ref. P093393			
Co-ordination type 2			
<b>Electrical control circuit</b>	:	U <sub>s</sub> = 220 V - 230 V - 50 Hz	U <sub>i</sub> = 690 V
<b>Auxiliary circuits</b>	:	I <sub>emax</sub> = 6 A 50 Hz	U <sub>i</sub> = 690 V

document      ides Report No      G03-97175  
Issue Date      1997.03.28

**Responsible Certification Body**

E. BEAU   
Authorized Signature  
Date: 14 MAI 1997