



asefa

association
de stations d'essais françaises
d'appareils électriques

Certifié conforme à l'original
le 08 OCT. 1997.

Le bureau de gestion de l'ASEFA

G.GOSSE



Certificate of Conformity

LOVAG-Certificate No. FR 97-080

Apparatus DIRECT-ON-LINE STARTER

Designation : DWA 16 (A16-30-10 + TA25DU19) tested in enclosure
FPTN 372630 R0042

Manufacturer or responsible vendor

A B B CONTROL
10, rue Ampère - BP 114
69685 CHASSIEU CEDEX - FRANCE

Tested for: A B B CONTROL

Tested by: ASEFA platform G1

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 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.

$U_{\text{emax}} = 690 \text{ V}$ 50 - 60 Hz 3-pole
 $I_{\text{the}} = 17 \text{ A}$ $I_{\text{emax}} = 17 \text{ A (AC-3)}$ for $U_0 = 380 - 400 \text{ V}$
 $U_s = 230 \text{ V}$ I_{th} (auxiliary contacts) = 6 A / 4 A
 $U_i = 1\ 000 \text{ V}$ - main contacts
 $U_i = 690 \text{ V}$ - auxiliary contacts

This document includes Report No.: G11-97368

Issue Date: 1997-08-06

Responsible Certification Body

I. HELLER
Authorized Signature

Date: 08 OCT. 1997

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.