

Certificate of Conformity

LOVAG-Certificate No. FR04-029

Apparatus

Auxiliary Contactor

Designation

TNL40E

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 60947-1 (2001-12), Edition 3.2 - IEC 60947-4-1 (2002-12), Edition 2.1, and IEC 60947-5-1 (2003-11), Edition 3. Test sequence I, V and VI

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 characteristics assigned by the manufacturer as stated below.

$U_i = 690\text{ V}$ $U_{imp} = 8\text{ kV}$ Frequency = 50 Hz / 60 Hz $I_{th} = 16\text{ A}$ IP 20

Utilization category : AC-15

I_e / A	6	4	3	2	2
U_e / V	127	240	440	500	690

Utilization category : DC-13

I_e / A	6	2.8	1	0.55	0.3
U_e / V	24	48	72	125	250

This document includes Report No.: G11-2004337

Issue Date: 2004-07-22

Responsible Certification Body

cofrac



Accreditation
n° 5-0037
Scope on request

I.HELLER

Authorized signature

Date : 2004-09-28