

# Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 26 306 - 05 HH

Company ABB France  
10, Rue Ampere  
69685 Chassieu Cedex, FRANCE

Product Description D.C. Operated contactor relays

Type NL xy E; NL xy E + 1-pole and 4-pole aux. Contacts CA 5-xy

Environmental Category C

Technical Data / Range of Application

Main contacts with screw terminals:	NL xy E
Max. rated voltage $U_e$ :	690 V
Rated frequency limits:	25...400 Hz
Rated insulation voltage $U_i$ :	690 V
Conv. Free-air thermal current $I_{th}$ :	16 A
Rated operational current $I_e$ (AC-15/ 690V AC):	2 A
Rated operational current $I_e$ (DC-13/ 250V DC):	0,3 A
Short circuit protection (gG fuse)	10 A
Add-on auxiliary contacts with screw terminals (1-pole CA 5-xy, 4-pole CA 5-xy):	
Rated insulation voltage:	690 V
Conv. Free-air thermal current rating $I_{th}$ :	16 A
Rated operational current $I_e$ (AC-15 690V AC)	2 A
Rated operational current $I_e$ (DC-13 250V DC)	0,3 A
Short circuit protection (gG fuse)	10 A

(x=N.O contacts y=N.C. contacts)

Test Standard Guidelines for the Performance of Type Approvals Part 2, Edition 2003; IEC 60947-1 (2001-12) Ed. 3.2; IEC 60947-4-1 (2002-12) Ed. 2.1; IEC 60947-5-1 (2003-11) Ed. 3

Documents Test report 2005391-A; 2005476-A-M; 2005477-A-M; LOVAG FR04-026; LOVAG FR04-27; SEMKO SE-30112; SEMKO SE-30113; SEMKO SE-30114

Remarks None

Valid until 2016-12-04

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Type Approval Symbol



File No. I.K.04

Hamburg, 2011-12-05

Germanischer Lloyd

Christoph Kutzner

Harald Amberger

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".