

TYPE APPROVAL CERTIFICATE

No.
ELE471407CS/2



This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	CONTROL CIRCUIT DEVICES AND SWITCHING ELEMENTS
<i>Type</i>	N XX
<i>Applicant</i>	ABB FRANCE DIVISION AUTOMATION PRODUCTS ACTIVITY PROTECTION AND CONTROL 10 RUE AMPERE 69685 CHASSIEU (FRANCE)
<i>Manufacturer</i>	ABB FRANCE DIVISION AUTOMATION PRODUCTS
<i>Place of manufacture</i>	ACTIVITY PROTECTION AND CONTROL 10 RUE AMPERE 69685 CHASSIEU (FRANCE)
<i>Reference standards</i>	CEI - IEC 60947-5-1

Issued in **Genoa** on **August 25, 2008**. *This Certificate is valid until* **August 25, 2013**

Valerio Bonanni

RINA

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This certificate consists of this page and 1 enclosure





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N XX

Materials/Components:

- Relay - contactors (and accessories according to the catalogue no. 1SBC100122C0202) listed below.

type N22 ; N31 ; N40 ; N44 ; N53 ; N62 ; N71 ; N80 having the features listed below.

Rated insulation voltage	Ui	V	690	690	690
Rated thermal current	Ith	A	16	16	16
Rated frequency	-	Hz	50-60	50-60	50-60
Ambient temperature	-	°C	45	45	45
Rated operational voltage	Ue	V	24-127	230	400
Rated operational current	Ie	A	6	4	3
Utilization category	-	-	AC15	AC15	AC15

Rated insulation voltage	Ui	V	690	690
Rated thermal current	Ith	A	16	16
Rated frequency	-	Hz	50-60	50-60
Ambient temperature	-	°C	45	45
Rated operational voltage	Ue	V	500	690
Rated operational current	Ie	A	2	2
Utilization category	-	-	AC15	AC15

Remarks

- The relay-contactors type N XX are also manufactured by ABB Xinhui Low voltage Switchgear Co. LTD. Jinguzhou Industrial Development Zone Xinhui District, Jiangmen City - Guangdong 529100- Popular Republic of CHINA.
- Components for electric plants to be used according to the instructions given by the manufacturer, as per ABB catalogue no. 1SBC100122C0202.

Genoa 25/08/2008