

## Licencia de Marca de Conformidad según la Resolución Ex. S.I.C. y M. N° 92/1998 relativa a Productos Eléctricos de Baja Tensión.

*License of Conformity Mark according to Resolution Ex. S.I.C. and M. N° 92/1998 related to Low Voltage Equipment.*



Certificado Nro. <i>Certificate No.</i>	RA 3282646 E
Informe Nro. <i>Report No.</i>	15051287 002
Nombre y dirección del titular de la licencia <i>Name and address of the license holder</i>	Zhejiang Chint Electrics Co., Ltd. No. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang Province, P.R. China.
Identificación tributaria (si aplica) <i>TAX ID - if applicable</i>	---
Nombre y dirección de la fábrica <i>Name and address of the factory</i>	Zhejiang Chint Electrics Co., Ltd. No. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang Province, P.R. China.
Origen <i>Origin</i>	China
Producto <i>Product</i>	INTERRUPTOR TERMOMAGNETICO ( <i>Miniature Circuit Breaker</i> )
Designación <i>Type Designation</i>	NB1-63
Marca comercial <i>Trademark</i>	CHINT
Características principales <i>Ratings and principal characteristics</i>	Tensión Nominal : AC 240/415V, 50/60Hz (1 polo) AC 415V, 50/60Hz (2, 3 ó 4 polos) Corriente Nominal : 1/2/3/4/6/8/10/13/16/20/25/32, 40/50/63A Capacidad de Interrupción : 6000A Característica de Corriente : B, C, D
Información adicional (si es necesaria) <i>Additional Information (if necessary)</i>	---
Ensayado según <i>Tested according to</i>	IEC 60898-1:2002+A1+A2
Laboratorio de ensayo <i>Testing Laboratory</i>	Este certificado ha sido emitido en base a la Licencia-Certificado-Informe N° R 50233613 emitido por TÜV Rheinland LGA Products GmbH.

Este certificado está vinculado a un contrato y para el alcance arriba citado.  
*This certificate is based on our Testing and Certification Regulation for the above mentioned scope.*

Fecha de emisión: 16/08/2012  
*Date of issue (day/mo/yr)*

Firma:  
*Signature*

  
Dipl.-Ing. J. L. Diaz Pita

TÜV Rheinland Argentina S.A., San José 83 - Piso 7º,  
(C1076AAA), Ciudad Autónoma de Buenos Aires, Argentina.  
Acreditado por el OAA / Accredited by OAA  
Reconocido por Disposición DNCI 1143/1999 / Recognized by Disposition DNCI 1143/1999

FCME-Rev. 4

**OAA**

Organismo  
Registrado en  
Buenos Aires  
Organismo de Certificación  
Autorizado por  
DNCI 1143/99

Certificate No. AN 50232376 0001 Our Reference 01-MR-15051287 001 Appendix No. 1

**Constructional Data Form (CDF) for Circuit-breaker (EN60898)**

Page 1 of 3

Applicant: Zhejiang Chint Electric Co.,Ltd.  
 (full address): No.1,Chint Road,Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang Province, P.R.China  
 Type or Model Number: NB1-63  
 Kind of device: Circuit breakers for overcurrent protection for household and similar installations

Information/rated values for the switching element:

Type designation	NB1-63			
Contact material	Moving: T2Y (Cu>99.95%), Fixed: AgC(4) (95% Ag, 5% Carbon)			
Interrupting medium	Air			
Nature of supply	AC 50/60Hz			
Number of poles	1P	2P	3P	4P
Number of protection pole	1	2	3	4
Rated operational voltage Ue a.c.	240/415V	415V	415V	415V
Rated current In	1/2/3/4/6/8/10/13/16/20/25/32/40/50/63 A			
Instantaneous tripping current	<input checked="" type="checkbox"/> B-type	<input checked="" type="checkbox"/> C-type	<input checked="" type="checkbox"/> D-type	
Rated short-circuit capacity Icn a.c.	6,0 kA	6,0 kA	6,0 kA	
Service short-circuit capacity Ics a.c.	6,0 kA	6,0 kA	6,0 kA	
Rated making and breaking capacity on an individual pole Icn1	Same as Icn			
Rated insulation voltage	500 V			
Rated impulse withstand voltage	4,0 kV			
Degree of protection	IP20			
Protection against external influence	Unenclosed type			
Method of mounting	Panel Board type (on rail)			
Range of ambient air temperature	30 °C			
Method of connection	Not associated with mechanical mounting			
Overvoltage category	II			
Suitability of isolation	Yes			
Pollution degree	2			
I2t characteristic (energy limit class)	1			



TÜVRheinland Group

License holder

Date

Signature

Name

Company Stamp and Signature

Chenwenzhang

Chenwenzhang

**Certificate No.** AN 50232376 0001 **Our Reference** 01-MR-15051287 001 **Appendix No.** 1

**Constructional Data Form (CDF) for Circuit-breaker (EN60898)**

Page 2 of 3

Terminals /connection:

Type designation	NB1-63			
Number of poles	1P	2P	3P	4P
Terminal designation; main circuit (AC)	1; 2	1; 3; 2; 4	1; 3; 5; 2; 4; 6	1; 3; 5; 7; 2; 4; 6; 8
Terminal designation; main circuit (DC)	-	-	-	-
Terminal designation; control circuit	-			
Type of Terminal/% main circuit	Pillar terminal / 62 %			
Type of terminal/% control circuit	- / - %			
Type of conductor main circuit	Rigid or flexible			
Type of conductor control circuit	-			
Required preparation of conductor	No			
Rigid Conductor size (mm <sup>2</sup> )	Min. 1 (0...6 A) ... Min. 16 (50...63 A)			
Flexible Conductor size (mm <sup>2</sup> )	Min. 1 (0...6 A) ... Min. 16 (50...63 A)			
Number of conductors per terminal	1			
Stripping length (mm)	Max.: 13,0 mm			
Tightening torque; main circuit (Nm)	2,0Nm (over 4,7mm up to and including 5,3mm)			
Tightening torque; control circuit (Nm)	-			
Material/plating terminal; main circuit	Tin plated copper			
Material/plating terminal; control circuit	-			
Material/plating of the screw	Tin plated copper alloys			
Material/plating of the washer	Tin plated copper alloys			

Plastic insulating parts:

Part name	Manufacturer	Material name (particle)	PTI	Flame class	Material Group
Base	Zhejiang CHINT electrics Co.,Ltd.	PA66	175 V	GWT: 960°C	IIIa
Cover	Zhejiang CHINT electrics Co.,Ltd.	PA66	175 V	GWT: 960°C	IIIa
Handle	Zhejiang CHINT electrics Co.,Ltd.	PA66	175 V	GWT: 650°C	IIIa


 TÜVRheinland Group  
 Date \_\_\_\_\_ Signature *[Handwritten Signature]*

License holder

 Name *Chenwenzhong* Company Stamp and Signature *Chenwenzhong*



TÜVRheinland®  
DIN CERTCO



TÜVRheinland®

Certificate No. AN 50232376 0001 Our Reference 01-MR-15051287 001 Appendix No. 1

Constructional Data Form (CDF) for Circuit-breaker (EN60898)

Page 3 of 3

Terminal Figure

Pillar terminal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
								Other
Screw terminal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stud terminal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Saddle terminal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lug terminal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



TÜVRheinland Group

License holder

Date

Signature

Name

Company Stamp and Signature

*[Handwritten signature]*

Chenwenzhong

*[Handwritten signature]*

**Zhejiang Chint Electrics Co., Ltd.**

No. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing,  
Zhejiang Province, P.R. China

Buenos Aires, August 21, 2012

REF.: Argentinean Safety-Mark License - 800-12-3698.

Product:	Miniature Circuit Breaker
Type Designation:	NB1-63
Trademark:	CHINT
Certificate No.:	RA 3282646 E
Test Report No.:	15051287 002

Dear Sirs,

We are pleased to inform you that the above mentioned product has complied with the Argentinean Resolution ex-SICyM N° 92/98, having obtained an Argentinean Safety-Mark. Please be informed that a market surveillance process must be conducted during the 180 days after the certificate issuing date. Please, inform us about the date and location when/where the product will be commercialized in the local market. After this period of time the certificate will be automatically suspended. In such case, a new certificate will be necessary in order to conduct new importations.

Please find attached the original certificate(s).

Please be reminded that, in case of cancellation of the a.m. license, the respective application, including the original license document(s) and eventually attached Constructional Dataform(s), should be delivered to TÜV Rheinland by Dec. 31st in a given year to avoid annual charges for the forthcoming year.

We appreciate your support and would like to offer our assistance for your future products. Please feel free to contact us whatever your requirements may be.

With kind regards,

**TÜV Rheinland Argentina S.A.**



Pablo Gilardoni  
Manager  
Product Certification Department

**CORDOBA**  
Av. Cárcano 182  
Tel/Fax (0054 351) 484 5000  
(X5022CSD) Córdoba  
[tuv-cordoba@ar.tuv.com](mailto:tuv-cordoba@ar.tuv.com)  
Argentina

**BUENOS AIRES**  
San José 83 - 7° Piso  
Tel/Fax: (0054 11) 4372 5033  
(C1076AAA) Buenos Aires  
[tuv-argentina@tuv.com](mailto:tuv-argentina@tuv.com)  
Argentina