



안전인증서 Safety Certificate

안전인증번호: HU05021-19063A
(Certificate No.)

제조업자/수입업자명: Zhejiang CHINT Electrics Co., Ltd.
(Manufacturer/importer)

주 소: No.1 CHINT Road, CHINT Industrial Zone, North Baixiang, Yueqing,
(Address) Zhejiang, China.

제 품 명: 배선용차단기(모터 보호용)
(Product)

기본모델명: NS2-25 6.3A
(Basic Model)

파생모델명 (Series Model):

NS2-25 0.16A

NS2-25 0.25A

NS2-25 0.4A

NS2-25 0.63A

NS2-25 1.6A

NS2-25 1A

NS2-25 2.5A

NS2-25 4A

정격/안전기준상의 모델구분: 3P, AC 415 V, 6.3 A, 100 kA
(Rating)

시험 기준: K 60947-1(2011-12) KC 60947-2(2015-07) KC 60947-4-1(2015-09)
(Standard)

본 인증서는 제조국명: 중국

제조업자명: Zhejiang CHINT Electrics Co., Ltd.

제조공장의 주소: No.1 CHINT Road, CHINT Industrial Zone, North Baixiang,
Yueqing, Zhejiang, China.

의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라 안전인증서를 발급합니다.

We issue this Safety Certificate for the above appliances in accordance with the Article 9(2), 9(4), 10(2) or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2019 년 12 월 06 일
(Year) (Month) (Day)



한국기계전자시험연구원
Korea Testing Certification



※ 이 인증서는 「전기용품 및 생활용품 안전관리법」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

첨부서류	1. 전기용품의 안전관리부품 및 재질목록 (List of Critical Components)
	2. 기본모델·파생모델의 내용 (Descriptions of the basic and series model)
	3. 안전인증의 변경 현황 (Revisions Status)

(뒷면)

안전인증을 받은 자의 유의사항 Notification for Recipients

1. 본 인증서는 기재된 제조공장에서 생산된 제품으로서 적용된 안전기준에 적합한 경우에 한하여 유효합니다.

(This certificate is valid only when the product meets the safety standards and is produced from the manufacturing factory that states on this certificate.)

2. 안전인증 마크는 본래의 의미와 다르게 사용자가 오해를 일으킬 수 있는 방법으로 광고, 카탈로그 등에 사용하면 인증정지 또는 취소의 사유가 됩니다.

(Cessation or cancellation of the certification may occur if the actual meaning of the Safety Certification Mark is misled to the public by false advertisement on a catalog of the product.)

3. 다음과 같은 사유가 발생할 경우에는 안전인증기관에 안전인증 변경 신청을 하여 안전인증서를 재교부 받아야 합니다

(In case of the following events, the Safety Certificate shall be reapplied and reissued for revision)

- 1) 제조자, 대표자, 주소 등 인증서 기재내용의 변경

(Revisions in contents of the certificate such as manufacturer, representative, address and etc.)

- 2) 파생모델의 추가, 변경 또는 삭제 (Additions, changes, or removals of series model)

- 3) 안전관리 부품의 변경 또는 추가

(Additions or changes in components which are listed on the certificate)

- 4) 인증서의 분실 또는 훼손 (Loss or damage of the certificate)

4. 안전인증을 받은 자는 다음 사항을 이행하여야 합니다.

(Recipients of the Safety Certificate shall comply with the followings.)

- 1) 안전인증 표시 등 인증요건의 유지관리

(Maintaining and preserving the Mark and other certification requirements)

* 안전인증을 받기 이전 또는 정지, 취소된 이후 생산된 제품에 안전인증 표시를 하면 법에 의거 처벌을 받게 됩니다.

(It will be punished by the law if the certification mark is used before the issue (or after suspension or cancellation) of the certification.)

- 2) 자체 검사의 실시 및 그 기록관리 (Self-testing and record keeping)

* 안전인증을 받은 자는 제품검사를 철저히 실시하여 제품의 품질이 안전기준에 미달되지 않도록 유의.

(Recipients of the Safety Certificate shall conduct products inspection strictly for products to comply with the safety standards)

5. 안전인증을 받을자는 전기용품 및 생활용품 안전관리법 제 7조에 따라 2년에 1회 정기검사를 실시하여야 한다.

(Recipients of the Safety Certificate shall require to inspect once in two years according to the Article 7 section of the the Electrical Appliances and Consumer Products Safety Control Act.)

안전인증사의 조건 : 동 제품의 생산 시 자체검사를 실시하고 안전인증 시 등록된 부품누락 및 임의 변경하지 말 것.
Conditions of Safety Certification : In the production of this product, conduct a self-test and do not miss and change the registered components.

기술문서 Technical Document

page: 1 / 4

안전인증번호: HU05021 -19063A
(Certificate No)

접수번호: 20190819 - 0053
(Receipt No)

1. 기본모델 · 파생모델의 내용 (General Descriptions of Certified Products)

1.1 제품의 설명 (Product description)

인증제품의 개요는 다음과 같다.

(Information on certified basic model product is as follow)

구분(Section)	내 용 (Description)
용도 (Normal use)	It is possible to make on/off manually and protects contacted apparatus with breaking the electric line automatically in case of overload or short-circuit currents.
내부구조 (Internal construction)	It constructed with plastic enclosure having operating mechanism, moving contact, fixed contact and other parts for carrying or breaking currents.
외부구조 (External construction)	It is constructed to fix appropriate cable to line and load terminals.
기타(Others)	-

1.2 전기용품의 표시: 전기용품 및 생활용품 안전관리법 시행규칙 제20조(안전인증의 표시)에 따라 표시한다.

(Marking of KC Mark: Marking shall comply with the Article 20 of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.)

1.3 등록모델 (Registered Models)

구 분 (Class)	모 델 명 및 정 격 (Model / Rating)	기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	NS2-25 6.3A 3P, AC 415 V, 6.3 A, 100 kA	
파생모델 (Series model)	NS2-25 0.16A	Different in rated current
	NS2-25 0.25A	Different in rated current
	NS2-25 0.4A	Different in rated current
	NS2-25 0.63A	Different in rated current
	NS2-25 1A	Different in rated current
	NS2-25 1.6A	Different in rated current
	NS2-25 2.5A	Different in rated current

기 술 문 서
Technical Document

page: 2 / 4

안전인증번호: HU05021 -19063A
(Certificate No)

접수번호: 20190819 - 0053
(Receipt No)

NS2-25 4A

Different in rated current

기술문서 Technical Document

page: 3 / 4

안전인증번호: HU05021 -19063A
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(Receipt No)

2. 안전관리 부품 및 재질목록(List of Critical Components)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Shell	Zhejiang Chint Electrics Co.,Ltd.	Flame-retardant nylon	PA46 PASLF0G7NC1	-
Handle	Zhejiang Chint Electrics Co.,Ltd.	Injection part	Injection part	-
Bimetal	Foshan Tongbao Electrical Precision Alloy Co., Ltd.	Stamping part	Bimetallic Strip	-
Moving & fixed contact	Wenzhou Hongfeng Electrical Alloy Co. Ltd.	Silver contact	AgC5, AgNi10	-
Contact spring	Wenzhou Tianli Spring Co.,Ltd.	Spring steel wire	12Cr18Ni9	-
Jump pin	Zhejiang Chint Electrics Co.,Ltd.	Flame-retardant nylon	Flame-retardant nylon	UL
Arc extinguish chamber	Yueqing Fangtai Electrics Ltd.	Steel plate	Steel plate	-

기술문서 Technical Document

page: 4 / 4

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(Receipt No)

3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2019/12/06	기본+파생모델등록(Basic + Series Model)

4. 기타(Carefully Informed Note)

- 1) 안전관리부품 및 재질목록에 기재된 사항은 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등재를 원하는 경우 안전인증변경신청 또는 안전확인변경신고를 하여야 합니다. 안전인증변경신청 또는 안전확인변경신고를 하지 않고 임의로 변경하는 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

The certificate holder should apply for a revision of the certificate if the registered critical components are to be changed, modified or alternated. Should the contents of Certificate are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Consumer Products Safety Control Act.

- 2) 정기검사(시료채취포함)를 거부, 방해 또는 기피하는 경우에는 전기용품 및 생활용품 안전관리법 제11조에 따라 안전인증이 취소될 수 있습니다.

If Follow-up Factory Inspection, including sampling representative model by 11 categories of the certified product at factory-site for re-testing, should not has been arranged by Certificate holder, Safety Certification(KC Mark) may be withdrawn according to the Article 11 of the Electrical Appliances and Consumer Products Safety Control Act.

- 3) 공장주소(전화번호포함), 대표자, 상호 및 부품변경, 신고인정보 등 안전인증 또는 안전확인신고의 내용이 변경되었을 때, 안전인증변경신청 또는 안전확인변경신고를 하지 않을 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

Should a factory address, president name, manufacturer name and critical component are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Customer Products Safety Control Act.

- 4) 조건부 인증사항 (Conditional certification items):

기술문서붙임자료

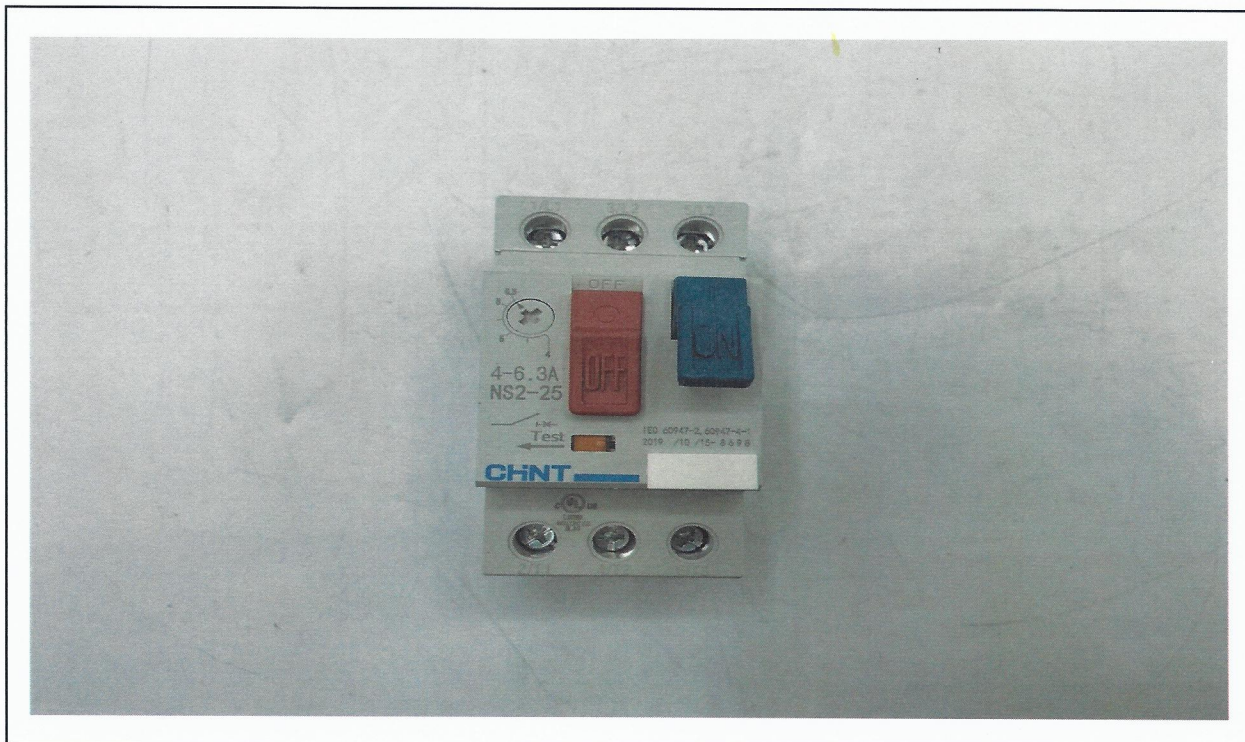
안전인증번호: HU05021-19063A

접수번호: 20190819-0053

No.1 표시사항

전기용품 및 생활용품 안전관리법에 의한 표시사항		
안전인증번호	XX-XXXX	
제품명	배선용차단기(모터 보호용)	
모델명	NS2-25 6.3A	
정격전압	AC 415 V	
정격전류	6.3 A	
극 수	3P	
정격극한단락차단용량	100 kA	
정격서비스단락차단용량	100 kA	
정격절연전압	690 V	
정격임펄스내전압	8 kV	
제조회사	Zhejiang CHINT Electric Co., Ltd.	
제조국	중국	
판매회사	주식회사 진트코리아	
제조년월	20××년 ××월	
A/S전화번호	031-421-8111	
주의(경고)사항	제조업체 표시	

No.2 전면

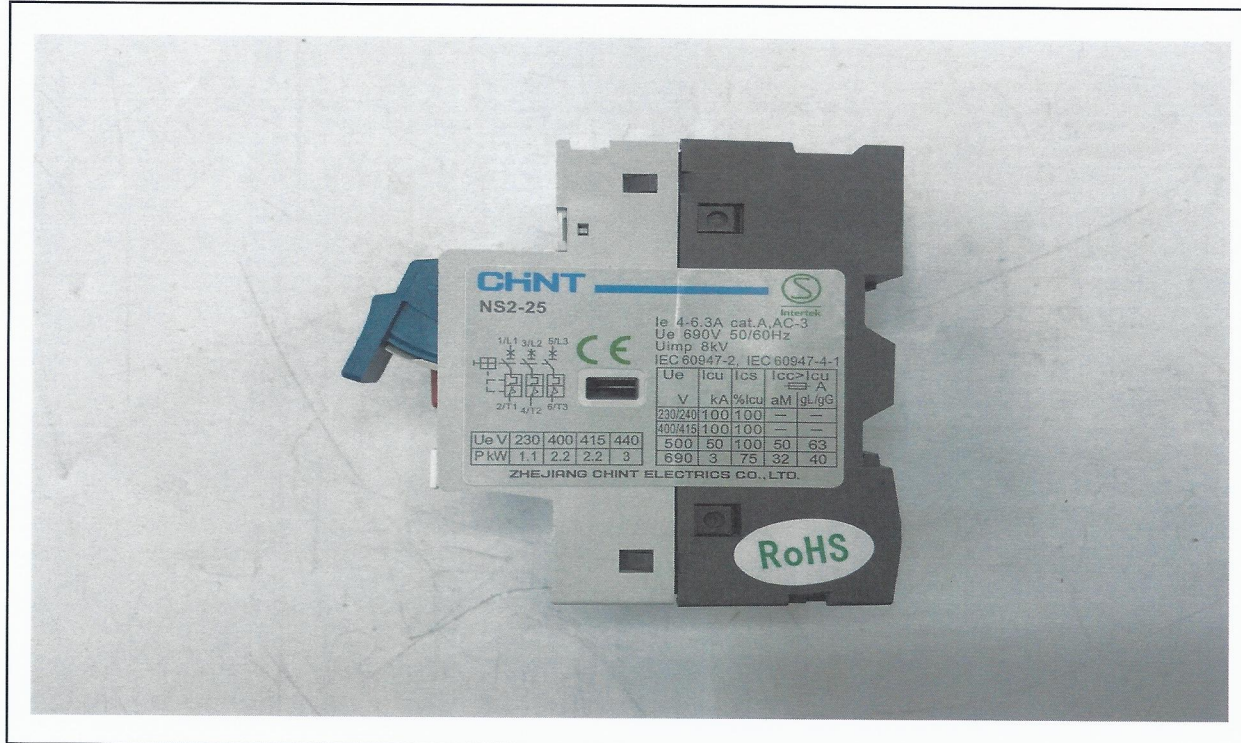


기술문서붙임자료

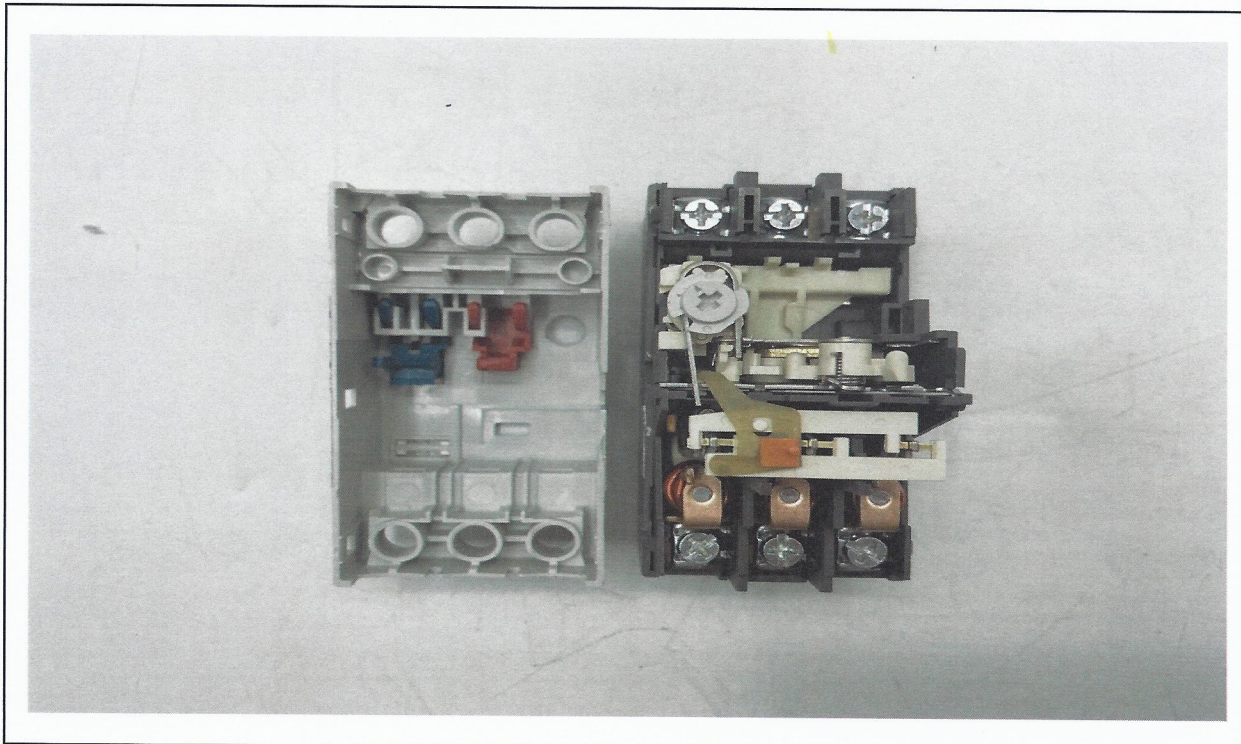
안전인증번호 : HU05021-19063A

접수번호 : 20190819-0053

No.3 측면



No.4 내부





안전인증서

Safety Certificate

안전인증번호: HU05021-20070A
(Certificate No.)

제조업자/수입업자명: Zhejiang CHINT Electrics Co., Ltd.
(Manufacturer/importer)

주 소: No.1 CHINT Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang, China.
(Address)

제 품 명: 배선용차단기(모터 보호용)
(Product)

기본모델명: NS2-25X 0.16A
(Basic Model)

파생모델명 (Series Model):

NS2-25X 0.25A

NS2-25X 0.4A

NS2-25X 0.63A

NS2-25X 1.6A

NS2-25X 1A

NS2-25X 2.5A

NS2-25X 4A

NS2-25X 6.3A

정격/안전기준상의 모델구분: 3P, AC 415 V, 0.16 A, 50 kA
(Rating)

시험기준: KC 60947-2(2015-07) KC 60947-4-1(2015-09) K 60947-1(2011-12)
(Standard)

본 인증서는 제조국명: 중국

제조업자명: Zhejiang CHINT Electrics Co., Ltd.

제조공장의 주소: No.1 CHINT Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang, China.

의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라 안전인증서를 발급합니다.

We issue this Safety Certificate for the above appliances in accordance with the Article 9(2), 9(4), 10(2) or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2020 년 04 월 24 일
(Year) (Month) (Day)



한국기계전기전자시험연구원
Korea Testing Certification



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첨부서류	1. 전기용품의 안전관리부품 및 재질목록 (List of Critical Components)
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	3. 안전인증의 변경 현황 (Revisions Status)



안전인증서 Safety Certificate

안전인증번호: HU05021-20069A

(Certificate No.)

제조업자/수입업자명: Zhejiang CHINT Electrics Co., Ltd.

(Manufacturer/importer)

주 소: No.1 CHINT Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang, China.

제 품 명: 배선용차단기(모터 보호용)

(Product)

기본모델명: NS2-25X 10A

(Basic Model)

파생모델명 (Series Model):

NS2-25X 14A

정격/안전기준상의 모델구분: 3P, AC 415 V, 10 A, 15 kA

(Rating)

시험 기준: KC 60947-2(2015-07) KC 60947-4-1(2015-09) K 60947-1(2011-12)

(Standard)

본 인증서는 제조국명: 중국

제조업자명: Zhejiang CHINT Electrics Co., Ltd.

제조공장의 주소: No.1 CHINT Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang, China.

의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라 안전인증서를 발급합니다.

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2020 년 04 월 24 일

(Year) (Month) (Day)



한국기계전기전자시험연구원
Korea Testing Certification



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첨부서류	1. 전기용품의 안전관리부품 및 재질목록 (List of Critical Components) 2. 기본모델 · 파생모델의 내용 (Descriptions of the basic and series model) 3. 안전인증의 변경 현황 (Revisions Status)
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안전인증서 Safety Certificate

안전인증번호: HU05021-20071A
(Certificate No.)

제조업자/수입업자명: Zhejiang CHINT Electrics Co., Ltd.
(Manufacturer/importer)

주 소: No.1 CHINT Road, CHINT Industrial Zone, North Baixiang, Yueqing,
(Address) Zhejiang, China.

제 품 명: 배선용차단기(모터 보호용)
(Product)

기본모델명: NS2-25X 18A
(Basic Model)

파생모델명 (Series Model):

NS2-25X 23A

NS2-25X 25A

정격/안전기준상의 모델구분: 3P, AC 415 V, 18 A, 15 kA
(Rating)

시험 기준: KC 60947-2(2015-07) · KC 60947-4-1(2015-09) K 60947-1(2011-12)
(Standard)

본 인증서는 제조국명: 중국

제조업자명: Zhejiang CHINT Electrics Co., Ltd.

제조공장의 주소: No.1 CHINT Road, CHINT Industrial Zone, North Baixiang,
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의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라 안전인증서를 발급합니다.
We issue this Safety Certificate for the above appliances in accordance with the Article 9(2), 9(4), 10(2)
or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2020 년 04 월 24 일
(Year) (Month) (Day)



한국기계전자시험연구원
Korea Testing Certification



※ 이 인증서는 「전기용품 및 생활용품 안전관리법」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는
제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

첨부서류	1. 전기용품의 안전관리부품 및 재질목록 (List of Critical Components)	우 우 우 우 우 우 우
	2. 기본모델 · 파생모델의 내용 (Descriptions of the basic and series model)	우 우 우 우 우 우 우
	3. 안전인증의 변경 현황 (Revisions Status)	우 우 우 우 우 우 우

C E R T I F I C A T E

of

Conformity

Electrical Equipment (Safety) Regulations 2016
(UK SI 2016 No. 1101)



Registration No.: AQ 50516996 0001

Test Report No.: 15063474 003

Holder: Zhejiang Chint Electrics Co., Ltd.
No.1,
Chint Road, Chint Industrial Zone,
North Baixiang
Yueqing
325603 Zhejiang
P.R. China

Product: Circuit Breaker
(Motor-start protector)

Identification: Type Designation : NS2-80B
Serial No. : Engineering samples

Remark: Issued in conjunction with LVD CE license
AN 50488251 0001.

Tested acc. to: EN IEC 60947-4-1:2019
BS EN IEC 60947-4-1:2019

This certificate of conformity is based on an evaluation of a sample of the above mentioned product, technical report and documentation. This certificate does not imply the assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Shanghai, 06.09.2021

Certification Body



TÜV Rheinland (China) Ltd. - No. 01/03B-08, Floor 7 and No. 01/04B-08,
Floor 11, AVIC Building, No. 10B, Central Road East 3rd Ring Road,
Chaoyang District, Beijing P.R. China 100022



The UKCA mark may be used, if all relevant UK Legislations and the UK Declaration of Conformity has been completed.



Zhejiang Chint Electrics Co., Ltd.
Chen chuihe

Date : 06.09.2021
Our ref. : Dingjia 01
Your ref.: C.C.H.

No.1,
Chint Road, Chint Industrial Zone,
North Baixiang
Yueqing
325603 Zhejiang
P.R. China

Ref : AQ Conf. Elec. Equip. (Safety) Reg. 2016

Type of Equipment : Motor-start protector
Model Designation : See Certificate
Certificate No. : AQ 50516996 0001
Report No. : 15063474 003

Dear Chen chuihe,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body


Hao Zheng

CC: Zhejiang Chint Electrics Co., Ltd.

Enclosure

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询



Ref. Certif. No.

SE-113563IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME**CB TEST CERTIFICATE**

Product

Motor starter

Name and address of the applicant

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

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Same as applicant

Note: When more than one factory, please report on page 2

☐ Additional Information on page 2

Ratings and principal characteristics

Ue=400/415V, 690V~, 3P, 50/60Hz,
Ui=690V, Uimp=8kV, Cat. A, AC-3,
In=0,16, 0,25, 0,4, 0,63, 1, 1,6, 2,5, 4, 6,3, 10, 14, 18, 23,
25, 32A,

Trademark / Brand (if any)

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

NS2-***

Additional information (if necessary may also be reported on page 2)

☒ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-1:2007+A1+A2
IEC 60947-2:2016+A1
IEC 60947-4-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

2401B0963SHA-001, -002

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

Date: 13 March, 2024

Signature:

Anneli Averland Johansson

Additional information

Rated Current (A)	Adjustable current settings (A)	Ii (A)	Short-circuit capacity			
			400V/415V~		690V~	
			Icu (kA)	Ics (kA)	Icu (kA)	Ics (kA)
0,16	0,1-0,16	1,5	100	100	100	100
0,25	0,16-0,25	2,4	100	100	100	100
0,4	0,25-0,4	5	100	100	100	100
0,63	0,4-0,63	8	100	100	100	100
1	0,63-1	13	100	100	100	100
1,6	1-1,6	22,5	100	100	100	100
2,5	1,6-2,5	33,5	100	100	3	2,25
4	2,5-4	51	100	100	3	2,25
6,3	4-6,3	78	100	100	3	2,25
10	6-10	138	100	100	3	2,25
14	9-14	170	15	7,5	3	2,25
18	13-18	223	15	7,5	3	2,25
23	17-23	327	15	6	3	2,25
25	20-25	327	15	6	3	2,25
32	24-32	416	10	5	3	2,25

Explanation for the mode / type:

N S 2 - * * *
I II III IV V VI

I. Enterprise code

II. Motor starter

III. Design code

IV. Frame size: 25 : 25A, 32 : 32A

V. Blank: button, X: rotatory handle

VI. Blank: conventional type, XM: high protection type

Date: 13 March, 2024

Signature:





Ref. Certif. No.

SE-113563

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Motor starter

Name and address of the applicant

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

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Same as applicant

Note: When more than one factory, please report on page 2

☐ Additional Information on page 2

Ratings and principal characteristics

Ue=400/415V, 690V~, 3P, 50/60Hz,
Ui=690V, Uimp=8kV, Cat. A, AC-3,
In=0,16, 0,25, 0,4, 0,63, 1, 1,6, 2,5, 4, 6,3, 10, 14, 18, 23,
25, 32A,

Trademark / Brand (if any)

CHNT

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

NS2-***

Additional information (if necessary may also be reported on page 2)

☒ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-1:2007+A1+A2
IEC 60947-2:2016+A1
IEC 60947-4-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

2401B0963SHA-001, -002

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

Date: 13 March, 2024

intertek

Signature:

Anneli Averland Johansson

Additional information

Rated Current (A)	Adjustable current settings (A)	Ii (A)	Short-circuit capacity			
			400V/415V~		690V~	
			Icu (kA)	Ics (kA)	Icu (kA)	Ics (kA)
0,16	0,1-0,16	1,5	100	100	100	100
0,25	0,16-0,25	2,4	100	100	100	100
0,4	0,25-0,4	5	100	100	100	100
0,63	0,4-0,63	8	100	100	100	100
1	0,63-1	13	100	100	100	100
1,6	1-1,6	22,5	100	100	100	100
2,5	1,6-2,5	33,5	100	100	3	2,25
4	2,5-4	51	100	100	3	2,25
6,3	4-6,3	78	100	100	3	2,25
10	6-10	138	100	100	3	2,25
14	9-14	170	15	7,5	3	2,25
18	13-18	223	15	7,5	3	2,25
23	17-23	327	15	6	3	2,25
25	20-25	327	15	6	3	2,25
32	24-32	416	10	5	3	2,25

Explanation for the mode / type:

N S 2 - * * *
I II III IV V VI

I. Enterprise code

II. Motor starter

III. Design code

IV. Frame size: 25 : 25A, 32 : 32A

V. Blank: button, X: rotatory handle

VI. Blank: conventional type, XM: high protection type

Date: 13 March, 2024

Signature:



Test Verification of Conformity

Verification Number: 2401B0963SHA-V1

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Zhejiang Chint Electrics Co., Ltd. No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang Province, P.R.China
Manufacturing site Name & Address:	Same as applicant
Product Description:	Low-voltage switchgear and controlgear: Motor starter
Ratings & Principle Characteristics:	Ue=400/415V~, 690V~, 3P, 50/60Hz, Ui=690V, Uimp=8kV, Cat. A, AC-3 In=0,16, 0,25, 0,4, 0,63, 1, 1,6, 2,5, 4, 6,3, 10, 14, 18, 23, 25, 32A See Annex for General product information
Models/Type References:	NS2-***
Brand Name(s):	
Standard(s)/Directive(s):	EN 60947-2:2017 + A1:2020 EN IEC 60947-4-1:2019 Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Date of Tests:	2020-06-04 to 2020-07-10 2024-01-16 to 2024-03-11
Test Report Number(s):	2401B0963SHA -001, -002



Signature

Name: Oliver Wei

Position: Manager

Date: 11 March 2024

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 2401B0963SHA-V1

Rated Current (A)	Adjustable current settings (A)	Ii (A)	Short-circuit capacity			
			400V/415V~		690V~	
			Icu (kA)	Ics (kA)	Icu (kA)	Ics (kA)
0,16	0,1-0,16	1,5	100	100	100	100
0,25	0,16-0,25	2,4	100	100	100	100
0,4	0,25-0,4	5	100	100	100	100
0,63	0,4-0,63	8	100	100	100	100
1	0,63-1	13	100	100	100	100
1,6	1-1,6	22,5	100	100	100	100
2,5	1,6-2,5	33,5	100	100	3	2,25
4	2,5-4	51	100	100	3	2,25
6,3	4-6,3	78	100	100	3	2,25
10	6-10	138	100	100	3	2,25
14	9-14	170	15	7,5	3	2,25
18	13-18	223	15	7,5	3	2,25
23	17-23	327	15	6	3	2,25
25	20-25	327	15	6	3	2,25
32	24-32	416	10	5	3	2,25

Explanation for the mode / type:

N S 2 - * * *

I II III IV V VI

- I. Enterprise code
- II. Motor starter
- III. Design code
- IV. Frame current: 25: 25A, 32: 32A
- V. Blank: button, X: rotatory handle
- VI. Blank: conventional type, XM: high protection type



Signature

Name: Oliver Wei

Position: Manager

Date: 11 March 2024

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50624678 0001

Berichtsnummer Report No.:

CN24GNQ0 001

Genehmigungsinhaber License Holder:

Zhejiang Chint Electrics Co., Ltd.

No.1,

Chint Road, Chint Industrial Zone,

North Baixiang

Yueqing

325603 Zhejiang

P.R. China

Fertigungsstätte Manufacturing Site:

Zhejiang Chint Electrics Co., Ltd.

No.1,

Chint Road, Chint Industrial Zone,

North Baixiang

Yueqing

325603 Zhejiang

P.R. China

Prüfzeichen Test Mark:


Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111283059

Geprüft nach Tested according to:

EN IEC 60947-4-1:2019

Geräteidentifikation
Product Identification
Produkt:

Circuit Breaker

Product:

(Motor Protection Switching Device)

Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:

Type designation(s) are listed on the next page(s)

Technische Daten:

Modelle sind auf nächste(r) Seite(n) gelistet

Technical Data:

Type designation(s) are listed on the next page(s)

Gültig ab:

2024-04-01

Valid from:
Zertifizierungsstelle:

Certification body:

Ausstellungsdatum:

2024-04-01

Date of issue:

Wencai Zhang



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

www.tuv.com
TÜVRheinland®
Precisely Right.

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50624678 0001

Berichtsnummer *Report No.:*

CN24GNQ0 001

Produkt *Product:* Circuit Breaker
(Motor Protection Switching Device)

Modell *Type:* **Bezeichnung** *Designation:*

Type Designation : 1) NS2-25, NS2-25X, NS2-25XM, NS2-25XXM
2) NS2-32, NS2-32X, NS2-32XM, NS2-32XXM

Utilization Category : Cat. A, AC-3

Reference Temperature : 20°C

Number of Poles : 3P

Rated Operation Voltage (Ue) : a) 400/415V; 50/60Hz

b) 690V; 50/60Hz

Rated Current (In) : 1) 0,1-0,16/0,16-0,25/0,25-0,4/0,4-0,63/
0,63-1/1-1,6/1,6-2,5/2,5-4/4-6,3/6-10/
9-14/13-18/17-23/20-25A

2) 24-32A

Trip Class : Class 10A

Rated Ultimate Short-circuit

Breaking Capacity (Icu) : 1) a) 100kA(0,1-10A), 15kA(9-18A),
15kA(17-25A)

1) b) 100kA(0,1-1,6A), 3kA(1,6-25A)

2) a) 10kA(24-32A)

2) b) 3kA(24-32A)

Rated Service Short-circuit

Breaking Capacity (Ics) : 1) a) 100kA(0,1-10A), 7,5kA(9-18A),
6kA(17-25A)

1) b) 100kA(0,1-1,6A), 2,25kA(1,6-25A)

2) a) 5kA(24-32A)

2) b) 2,25kA(24-32A)

Rated Impulse Withstand

Voltage (Uimp) : 8,0kV

Rated Insulation Voltage (Ui) : 690V

Suitability for Isolation : Yes

Pollution Degree : 3

Anlage (Appendix) : 1



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50624737 0001
Report No.: CN24GNQ0 001
Holder: Zhejiang Chint Electrics Co., Ltd.
No.1,
Chint Road, Chint Industrial Zone,
North Baixiang
Yueqing
325603 Zhejiang
P.R. China
Product: Circuit Breaker
Motor Protection Switching Device

Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Date: 2024-04-01

Certification Body

Wencai Zhang

Wencai Zhang



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50624737 0001

Product: Circuit Breaker
Motor Protection Switching Device

Identification: Type Designation
NS2-25, NS2-25X, NS2-25XM, NS2-25XXM
NS2-32, NS2-32X, NS2-32XM, NS2-32XXM

Serial No.: Engineering sample

Remark: Issued in conjunction with TÜV Rheinland
license R 50624678 0001.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

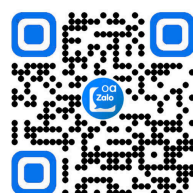


www.npower.com.vn

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Bản quyền nội dung thuộc về công ty **Chint Global**

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www.npower.com.vn

Tài liệu được tổng hợp bởi đội ngũ kỹ thuật của **NPOWER**

Bản quyền nội dung thuộc về công ty **Chint Global**

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