ASTA Licence

This Licence authorises use of the

ASTA Diamond Mark

Licence No. 886

Organisation:

Zhejiang Chint Electrics Co., Ltd.

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

Product: **Circuit Breakers for overcurrent protection**
Designation: **$NB1_{-63}$ and $NB1_{-63H}$**
Colour(s): Grey
U_e = 240/415V a.c. (1p), 240V a.c. (1p + N), 415V a.c. (2p, 3p & 4p)
I_n: 1 to 63 Amperes Types B, C and D
$NB1_{-63}$: $I_{cn} = I_{cs}$ = 6000 Amperes, U_{imp} = 4kV
$NB1_{-63H}$: I_{cn} = 10000 Amperes, I_{cs} = 7500 Amperes, U_{imp} = 4kV
Number of poles: 1, 2, 3 and 4, Frequency: 50 & 60 Hz
Unenclosed, screw type terminals, Material Group IIIa, Energy Limiting Class 3
Approval Standards: IEC 60898-1:2002 + A1: 2002 + A2: 2003
EN 60898-1:2003+A1:2004+A11:2005+A12:2008+A13:2012

Issue number: 5
Review date: 30th May 2019
Factory Reference: CHINCN.01

The **ASTA Diamond Mark** is a symbol of electrical safety. It provides evidence for customers and authorities that Intertek has independently tested and certified the product's compliance to applicable safety standards, also that Intertek monitors production and testing to ensure subsequent production continues to comply with stated standards.

This Licence is valid until the review date or earlier if preceded by the withdrawal of the Approval Standard or otherwise withdrawn by the Certification Body.
Current validity status can be confirmed by contacting:
Intertek (ASTA office)
Centre Court
Meridian Business Park
Leicester
LE19 1WD
United Kingdom
Tel: +44 (0)116 263 0330
asta@intertek.com

Details of Approved variants, components and sites are given on Endorsements to this Licence (3 pages)

UKAS PRODUCT CERTIFICATION
010

R W Hayward
Name

Signature

13th December 2016
Date

www.intertek.com

ASTA Certificates, ASTA Licences and ASTA Test Reports

ASTA Certificates, ASTA Licences and ASTA Test Reports are issued by Intertek for the exclusive use of the party applying for the Certificate, Licence or Test Report and any related testing. Intertek assumes no liability to any parties other than those with which it has an agreement and then only in accordance with the agreed Terms and Conditions.

The Applicant is authorised to copy or distribute ASTA Certificates, ASTA Licences and ASTA Test Reports provided the entire contents are included, or Certificate Front Sheets accompanied by any associated pages on which are stated the assigned rated characteristics and no part is obscured or illegible, or Licence front sheets. Permission must be obtained from Intertek before any other kind of reproduction is made.

The holder of an ASTA Certificate may claim in Trade Journals, Catalogues, Technical Articles etc., and without the prior approval of Intertek that the product identified in an ASTA Certificate is ASTA Certified.

The holder of an ASTA Licence may claim in Trade Journals, Catalogues, Technical Articles etc., and without the prior approval of Intertek that the product identified in an ASTA Licence is ASTA Approved.

To minimise the possibility of any misunderstanding such claims must clearly identify the product(s) certified or approved, the ratings verified by ASTA and the Standard against which certification/approval has been made.

Any other use of the Intertek or ASTA names must first be approved in writing by Intertek. Test results and ratings proven by testing included in ASTA Certificates and ASTA Test Reports relate specifically to the sample(s) tested.

Types of ASTA Certificates

Certificates are issued when samples of a particular product design have been tested satisfactorily against the requirements of a National, European, International or ASTA Standard. Several forms of Certificate are available, including:

Certificate of Complete Compliance

Verifies compliance with all the requirements of a Standard

Certificate of Type/Verification Tests

Verifies complete series of type/verification tests prescribed in a Standard has been made successfully.

Certificate of Selected Type/Verification Tests

Verifies specified type/verification tests have been made successfully

Supplementary Certificate

Extends the scope of an existing Certificate to cover changes in rating or in design

ASTA Test Report

An ASTA Test Report is issued when tests otherwise satisfactory cannot be included in a Certificate for one or more reasons, e.g. verification of non-standard ratings

ASTA Licences and ASTA Diamond Mark

The use of the ASTA Diamond Mark on products is authorised by an ASTA Licence. Products covered by an ASTA Licence can be referred to as ASTA Approved. Requirements for ASTA Licences include testing for full compliance with relevant standards and satisfactory, on-going assessment of production. Validity and use of ASTA Licences are subject to compliance with Intertek Certification Regulations.

For more information see http://intertek.com/europeaninspection

Authenticity

Authenticity of any ASTA document can be confirmed by contacting the Intertek office detailed on the front of this Licence.

Approved sites for manufacture/production:

Components & Assembly – Zhejiang Chint Electrics Co., Ltd
No. 1 Chint Road
Chint Industrial Zone
North Baixiang, Yueqing
Zhejiang Province
325603
P. R. China

Conditions for maintenance of Licence:

1) Compliance with Certification Regulations.
2) Inspection of manufacturing facilities each year with satisfactory outcome.
3) Surveillance testing of production samples at required intervals with satisfactory outcome.
4) Satisfactory actions in the event of any compliance and/or safety issues becoming known after product has been supplied.
5) Prompt payment of invoices.

Licence Renewal:

Licence fee will be invoiced annually during the month of September.
The Licence document will be reissued following any changes advised or variants tested. A fee may be charged for reissue.

Surveillance samples:

Samples are required to be tested in accordance with Intertek surveillance testing programmes.
Samples should preferably be selected during scheduled Factory inspection visits.
The fee for testing will be invoiced at the time of testing. A summary of testing will be provided.

Use of the ASTA Mark:

The ASTA Mark may be used on the product and in marketing material relating to the product, as permitted by the Certification Regulations.
The Licence number should be marked on the product (mandatory on BS 1363 plugs, where feasible on other products) in a form agreed by Intertek, such as "Approved by ASTA Licence no. 886".

Marketing of product with alternative designation(s) or brand name(s):

This Licence relates only to products specifically described herein. Any alternative designations and/or brand names should be advised to Intertek. The Licence will then be reissued accordingly. Alternative brand names (if applicable) are shown on an Annex to this Licence.

Compliance Testing:

Reason for test	ASTA reference/certificate
Complete compliance NB1-63	16743
Complete compliance NB1-63H	16951
Complete compliance NB1-63	18930
Complete compliance NB1-63H	18931
Complete compliance NB1-63 and NB1-63H	20834

Designations of NB1-63 Devices (I_{cn} = 6000 Amperes)

Designation NB1-63 followed by:

Rated Current (Amperes)	B type	C type	D type
1	B1	C1	D1
2	B2	C2	D2
3	B3	C3	D3
4	B4	C4	D4
5	B5	C5	D5
6	B6	C6	D6
8	B8	C8	D8
10	B10	C10	D10
13	B13	C13	D13
16	B16	C16	D16
20	B20	C20	D20
25	B25	C25	D25
32	B32	C32	D32
40	B40	C40	D40
50	B50	C50	D50
63	B63	C63	D63

followed by the number of poles

Designations of NB1-63H Devices (I_{cn} = 10000 Amperes)

Designation NB1-63H followed by:

Rated Current (Amperes)	B type	C type	D type
1	B1	C1	D1
2	B2	C2	D2
3	B3	C3	D3
4	B4	C4	D4
5	B5	C5	D5
6	B6	C6	D6
8	B8	C8	D8
10	B10	C10	D10
13	B13	C13	D13
16	B16	C16	D16
20	B20	C20	D20
25	B25	C25	D25
32	B32	C32	D32
40	B40	C40	D40
50	B50	C50	D50
63	B63	C63	D63

followed by the number of poles