



Product Service

CERTIFICATE

No. B 073900 0101 Rev. 00

Holder of Certificate: **Zhejiang Chint Electric Co., Ltd.**
CHNT 正泰 No.1, Chint Road, Chint Industrial Zone
North Baixiang
325603 Yueqing, Zhejiang Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Switch-disconnector**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 871282402103-00

Valid until: 2029-04-25

Date, 2024-05-15

(Hongbo Zhu)

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Model(s): NM8NSD-1600

Brand Name: CHINT

Parameters:

Rated impulse withstand voltage U_{imp} : 12kV
Rated insulation voltage U_i : 1000V (for AC), 1500V (for DC)
Rated operational voltage U_e : AC380V/415V/440V, AC500V/630V/660V/690V, DC750V (for 3P appearance), DC1000V (for 4P appearance), DC1200V (for 4P appearance), DC1500V (for 4P appearance)
Rated operational current I_e : 630A, 800A, 1000A, 1250A, 1600A
Conventional free air thermal current I_{th} : 1600A
Utilization category: AC-22A, AC-23A, DC-22A, DC-22B, DC-PV2
Number of poles: 3P, 4P, 3P appearance, 4P appearance
Rated short-time withstand current I_{cw} : 20kA/ 1s (for AC, DC), 20kA/ 3s (for AC, DC)
Rated short-circuit making capacity I_{cm} : 40kA (for AC, peak), 20kA (for DC)
Suitability for isolation: Yes
Rated frequency: 50/60Hz (for AC)
Reamrk: Auxiliary contacts and alarm contact: AX-21, AL-21 3NO3NC;
 U_i : 500V, U_{imp} : 2.5kV, I_{th} : 5A;
AC-15: U_e/I_e : AC110V/5A, AC240V/4A, AC415V/2A;
DC-13: U_e/I_e : DC110V/0.25A, DC220V/0.25A

Tested according to: EN IEC 60947-1:2021
EN IEC 60947-3:2021