



Product Service

CERTIFICATE

No. B 073900 0053 Rev. 01

Holder of Certificate: **Zhejiang Chint Electrics Co., Ltd.**

No.1, Chint Road, Chint Industrial Zone
North Baixiang
325603 Yueqing, Zhejiang Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Moulded case circuit breaker**

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.: 704102198302-01

Valid until: 2029-03-31

Date, 2024-04-02

(Hongbo Zhu)

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Model(s): **NM8N-250HVC, NM8N-250HVS**

Parameters:

Rated insulation voltage U_i :	1250V
Rated impulse voltage U_{imp} :	8kV
Rated current I_n :	10A, 16A, 20A, 32A, 40A, 50A, 63A, 80A, 100A, 125A, 160A, 180A, 200A, 225A, 250A
Rated operational voltage U_e :	AC690, AC800V, AC1000V, AC1140V, AC1150V
Rated service short-circuit breaking capacity I_{cs} :	See table 1
Rated ultimate short-circuit breaking capacity I_{cu} :	See table 1
Selectivity category:	A
Type of overcurrent release:	Thermal-magnetic, Electromagnetic
Rated frequency:	50/60Hz
Number of poles:	3P
Suitability for isolation:	Suitable
Remark:	Auxiliary contact: AX21-M8, AL21-M8; 1NO1NC; 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; Electronic accessories complied with Annex N: Undervoltage release (Model type: UVT22-M8): AC48V, AC110V, AC220 to 240V, AC380 to 415V, DC24V, DC48V, DC110 to 120V, DC220V; Mtor-operator (Model type: MOD22HV-M8): U_s : AC110V 50/60Hz, AC220-240V 50/60Hz, AC380-415V 50/60Hz, DC110V, DC220V, DC24V



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Table 1

Models	Ue	Icu	Ics
NM8N-250HVC	AC690V	50kA	50kA
	AC800V	36kA	36kA
	AC1000V	15kA	15kA
	AC1140V	10kA	10kA
	AC1150V	10kA	10kA
NM8N-250HVS	AC690V	80kA	80kA
	AC800V	50kA	50kA
	AC1000V	30kA	15kA
	AC1140V	10kA	10kA
	AC1150V	10kA	10kA

Tested according to: EN 60947-2:2017/A1:2020