



Product Service

CERTIFICATE

No. B 073900 0034 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 and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704102003102-01

Valid until: 2026-11-04

Date, 2021-11-05

(Jie Zhu)

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Model(s): NM8N-250C, NM8N-250S, NM8N-250Q, NM8N-250H, NM8N-250R, NM8NDC-250B, NM8NDC-250C, NM8NDC-250S, NM8NDC-250Q, NM8NDC-250H, NM8NDC-250WS

Parameters:

Rated insulation voltage U_i : 1000V
 Rated impulse voltage U_{imp} : 8kV
 Rated current I_n : Details see table 1
 Rated operational voltage U_e : Details see table 1
 Rated service short-circuit breaking capacity I_{cs} : Details see table 1
 Rated ultimate short-circuit breaking capacity I_{cu} : Details see table 1
 Rated short-time withstand current I_{cw} :
 (Only for overcurrent release electronic): 1kA 1s (for $I_n \leq 63A$);
 2kA 1s (for 63A<>
 3kA 1s (for $I_n \geq 180A$)

Poles No.: Details see table 1
 Selectivity category: A
 Type of overcurrent release: Details see table 1
 Trip Class: 5/10/20
 Rated frequency: 50/60Hz
 Remark: 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;
 Accessories with electronic circuits: Undervoltage release:
 UVT21-M8 U_s : AC/DC48V,
 AC110V/DC110 to 120V, AC220 to 240V/DC220V,
 AC380 to 415V, DC24V;
 Electric operator: MOD21-M8: U_s : AC/DC110V,
 AC220~240V/DC220V, AC380~415V, DC24V;

Table 1:

Poles No.	$U_e(V)$	$I_{cs}=I_{cu}(kA)$				
		NM8N-250C	NM8N-250S	NM8N-250Q	NM8N-250H	NM8N-250R
1P	AC220/230/240	36	50	-	-	-
2P, 3P, 4P	AC380/400/415	36	50	70	100	150
	AC440	36	50	70	100	100
	AC500	25	40	40	50	50
	AC660/690	6	8	8	10	10
Type of overcurrent release:		Thermo-magnetic, Magnetic, Electronic				
$I_n(A)$		For overcurrent release thermo-magnetic and magnetic: 125, 160, 180, 200, 225, 250; For overcurrent release electronic: 32, 40, 50, 63, 80, 100, 125, 160, 180, 200, 225, 250				

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Poles No.	Ue(V)	Ics=Icu(kA)					
		NM8NDC-250B	NM8NDC-250C	NM8NDC-250S	NM8NDC-250Q	NM8NDC-250H	NM8NDC-250WS
1P appearance	DC250	25	36	50	-	-	-
2P appearance	DC500	25	36	50	70	100	-
3P appearance	DC750	25	36	50	70	100	-
4P appearance	DC1000	25	36	50	70	100	-
4P appearance (3P in series)	DC750	-	-	-	-	-	70
4P appearance (3P in series)	DC800	-	-	-	-	-	50
Type of overcurrent release:	Thermo-magnetic, Magnetic						
In(A)	125, 160, 180, 200, 225, 250						

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