



Product Service

Attestation of Conformity

No. N8A 073900 0037 Rev. 00

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

Product: **Molded case circuit breakers**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 704102003104-00

Date, 2020-06-05

(Jie Zhu)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): **NM8N-1600S, NM8N-1600Q, NM8N-1600H, NM8NDC-1600B, NM8NDC-1600C**

Parameters:

Rated insulation voltage U_i :	1000V
Rated impulse voltage U_{imp} :	8kV
Rated current I_n :	Details see table 1, table 2
Rated operational voltage U_e :	Details see table 1, table 2
Rated service short-circuit breaking capacity I_{cs} :	Details see table 1, table 2
Rated ultimate short-circuit breaking capacity I_{cu} :	Details see table 1, table 2
Rated short-time withstand current I_{cw} :	
(Only for Electronic)	20kA 1s
Poles No.:	3P, 4P(3 protected poles with a switched neutral pole)
Selectivity category:	A(for Thermo-magnetic), B(for Electronic)
Type of overcurrent release:	Thermo-magnetic, Electronic
Rated frequency:	50/60Hz(only for AC)

Table 1:

Type of overcurrent release:	$U_e(V)$	$I_{cs}/I_{cu}(kA)$		
		NM8N-1600S	NM8N-1600Q	NM8N-1600H
Thermo-magnetic	AC380/400/415	50/50	70/70	70/100
	AC440	40/50	50/65	-
	AC500	30/40	40/50	-
	AC660/690	30/30	-	-
Electronic	AC380/400/415	50/50	70/70	70/100
	AC660/690	30/30	-	-
$I_n(A)$		630, 800, 1000, 1250, 1600 (Max. I_n for motor protective circuit-breaker: 1250)		

Table 2:

Type of overcurrent release:	$U_e(V)$	$I_{cs}/I_{cu}(kA)$	
		NM8NDC-1600B	NM8NDC-1600C
Thermo-magnetic	DC1000(for 4P appearance)	25/25	36/36
	DC750(for 3P appearance)	25/25	36/36
$I_n(A)$		630, 800, 1000, 1250, 1600 (Max. I_n for motor protective circuit-breaker: 1250)	

Tested according to: EN 60947-2:2017