



Product Service

# CERTIFICATE

No. B 073900 0036 Rev. 00

**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:**

**Molded case circuit breakers**

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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704102003104-00

**Valid until:** 2025-06-04

**Date,** 2020-06-05

( Jie Zhu )

# CERTIFICATE

No. B 073900 0036 Rev. 00

**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

**Production Facility(ies):** 075006