

CHINT**NM8N**

Mounting Instructions
 Paigaldusjuhised
 инструкции за монтаж
 Instrukcja montażu
 Montageanleitung
 Инструкция по монтажу
 instructions de montage
 asennus-ja käyttöohjeet
 Instruções de montagem
 Monteringsveiledning
 Montážní návod
 Istruzioni di montaggio

instrucciones de montaje
 Щодо монтування
 Montaj Talimatları
 Οδηγίες Εγκατάστασης
 Instrucțiuni de montare
 Monteringsanvisning
 Montage instructies
 Monteringsvejledning
 Istruzzjonijiet ta ' muntaġġ
 Szerelési utasítás
 Montāžas instrukcijas
 Montavimo instrukcijos

Zhejiang Chint Electrics Co., Ltd.

Add: No.1, CHINT Road, CHINT Industrial Zone, North Baixiang,

Yueqing, Zhejiang 325603, P.R.China

E-mail: global-sales@chint.comWebsite: <http://en.chint.com>**NM8N**



Caution: Installation by electricians only

Ettevaatust: paigaldus elektrikuid ainult

Внимание: инсталиране от електротехницисамо

Uwaga: Instalacja tylko przez wykwalifikowany personel

Vorsicht: Installation nur durch den Elektriker

Предупреждение: монтаж должен выполняться только квалифицированным электротехническим персоналом

ATTENTION : l'Installation par du personnel qualifié seulement

Varoitus: asennus sallittu vain sähköalan ammattilaiselle

Atenção: instalação pelos eletrícistas somente

Advarsel: monteres kun av elektrikere

Varovány: Montáž pouze osobou s elektrotech. kvalifikací

Attenzione: installazione solo da parte di personale addestrato

PRECAUCIÓN: instalación por electricistas sólo

Увара: монтаж електрики тільки

Dikkat : Kurulum sadece elektrikçiler tarafından yapılmalıdır.

Προσοχή: εγκατάσταση να γίνεται από ηλεκτρολόγους μόνο

ATTENTIONARE: instalarea de electricieni numai

Varning: Monteras av behörig elektriker

Let op: installatie door electriciens alleen

Advarsel: monteres kun af elektrikere

Attenzjoni: installazzjoni mill-eletriciċisti biss

Figyelmeztetés: a telepítés a villanyszerelő csak

Piesardzigi: iekārtas, elektrīķiem, tikai

Įspėjimas: montavimą privalo atlikti elektrikai

NM8N

Moulded Case Circuit Breaker

Vormitud kohtuasi kaitselüliti

Автоматичен прекъсвач лят корпус

Włłącznik kompaktowy

kompakter Leistungsschalter

Автоматический выключатель в литом корпусе

Disjoncteur boîtier moulé

Компакткатkaisija

Disjuntor moldado do caso

Effektbryter

Kompaktní jistič

Interruttori scatolati

Disyuntor en Caja Moldeada

Фасонна випадку вимикача

Açık Gerilim Devre Kesici

Αυτόματοι διακόπτες ισχύος κλειστού τύπου

Turnate Circuit Breaker Case

Effektbrytare

Gegoten behuizing vermogenschakelaar

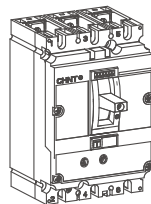
Effektafbryder/Maksimalafbryder

Moulded Circuit Breaker kaž

Öntött esetben megszakító

Kompaktas slėdzis

Pramoninis automatinis jungiklis



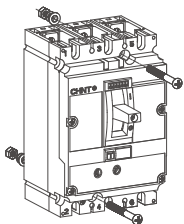
1

Installation
Paigaldamine
Инсталляция
Instalacja
Installation
Установка

Installation
Asennus
Instalação
Installasjon
Instalace
Installazione

Instalación
Встановлення
Kurulum
Εγκατάσταση
Instalare
Installation



Installatie
Installation
Installazzjoni
Telepítés
Uzstādīšana
Montavimas

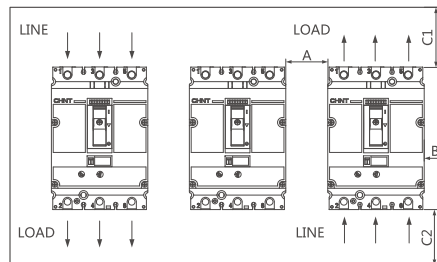


Inspection

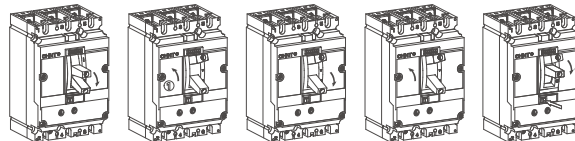
Necessary tool



Model			
NM8N(DC)-125	1P	2(M3x65)	2(M6x16)
	2P	2(M5x65)	4(M6x16)
	3P	2(M5x65)	6(M6x16)
	4P	4(M5x65)	8(M6x16)
NM8N(DC)-250	1P	2(M3x85)	2(M8x20)
	2P	2(M5x75)	4(M8x20)
	3P	2(M5x75)	6(M8x20)
	4P	4(M5x75)	8(M8x20)
NM8N(DC)-400 NM8N(DC)-360	3P	4(M5x85)	6(M10x30)
	4P	6(M5x85)	8(M10x30)
NM8N(DC)-800	3P	4(M5x95)	6(M12x30)
	4P	6(M5x95)	8(M12x30)
NM8N(DC)-1600	3P	4(M5x110)	12(M10x40)
	4P	6(M5x110)	16(M10x40)



Model	Ue(V)	A	B	Insulation panel(mm)		Metal panel(mm)	
				C1	C2	C1	C2
NM8N-125	<660	10	10	30	30	35	35
	>660			20	30	30	35
NM8N-250	<660			30	30	35	35
	>660			20	30	30	35
NM8N-400 NM8N-630	<660	10	30	30	35	35	
	>660	20	30	30	35		
NM8N-800		20	130	130	170	170	
		20	130	130	170	170	



Re-trip Closing Opening Closing Tripping

Test



- Determine product technical parameters;
- Only professional electricians are allowed for installation ,operation and maintenance of the product.



Ensure minimum installation distance

mm

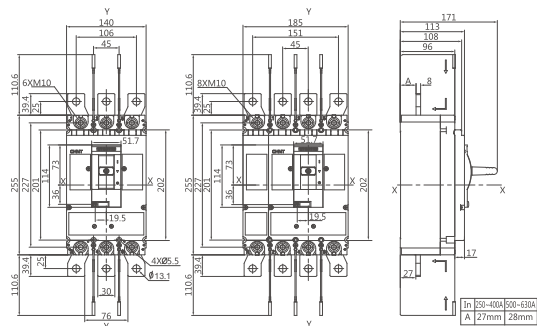


Diagram 3. NM8N(DC)-400, 630

mm

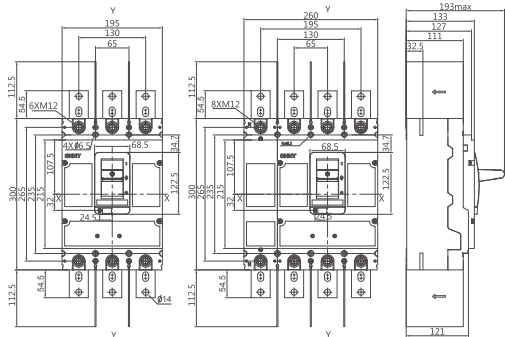


Diagram 4. NM8N(DC)-800

Manual type

mm

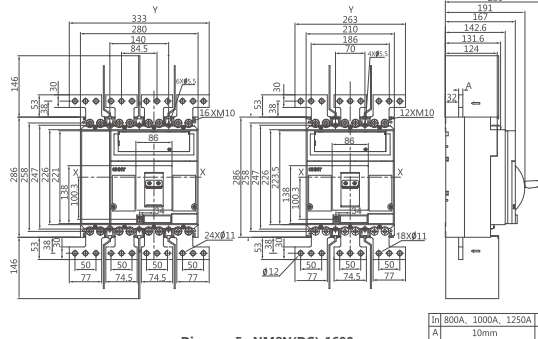


Diagram 5. NM8N(DC)-1600

Motor type

mm

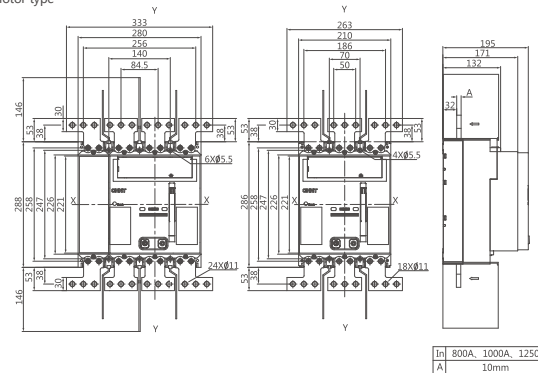


Diagram 5. NM8N(DC)-1600

mm

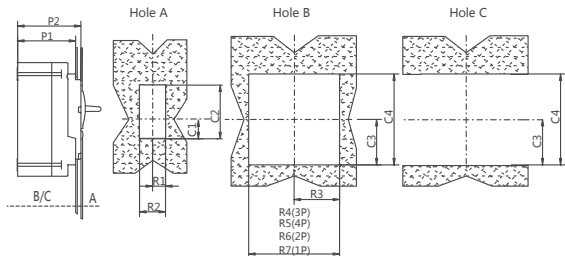


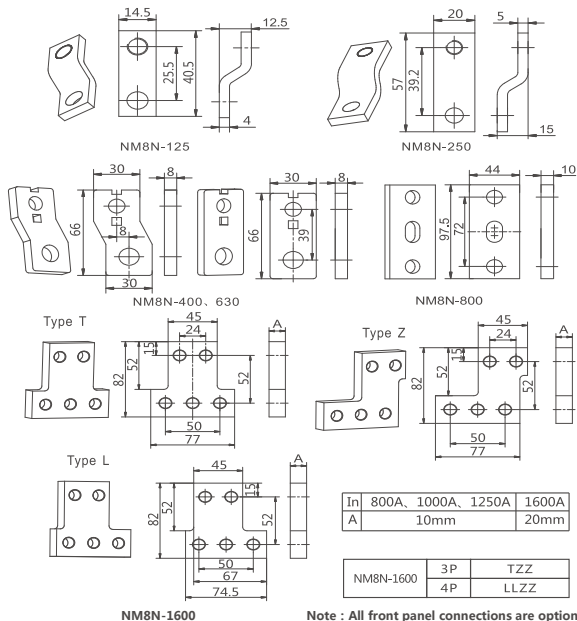
Diagram 6. NM8N(DC)-125 ~ 1600 front opening hole size

Table 1. NM8N(DC)-125 ~ 1600 front opening hole size

millimeter mm

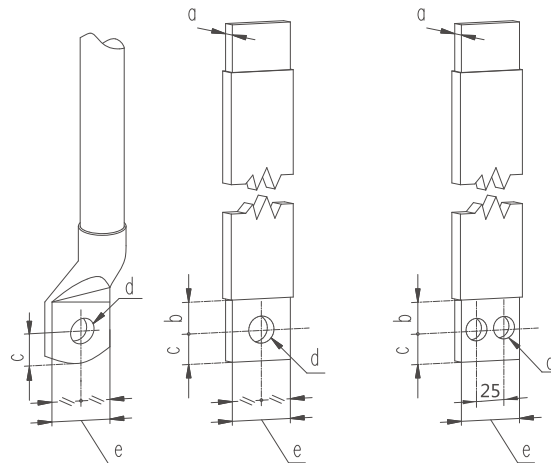
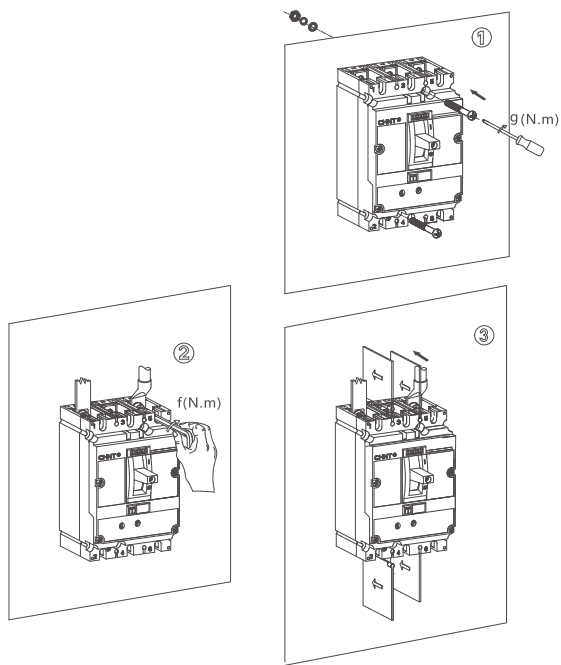
Size category	Size code	Model				
		125	250	400,630	800	1600
front opening hole size	P1	73	83	109	128	168
	P2	80	89	114	134	168
	R1	13	14	26.5	35	43.5
	R2	26	28	53	70	87
	R3	46.5	54	71.5	97.5	105
	R4	93	108	143	198	213
	R5	123	143	188	263	283
	R6	65	73	—	—	—
	R7	38	43	—	—	—
	C1	26	33	41.5	40	112
	C2	70	78	116	125	140
	C3	50.5	56.5	103	108.5	112
	C4	101	113	195	218	224

mm



Note : All front panel connections are optional

Connection plate and wire size



NM8N-125, 250, 400, 630, 800

NM8N-1600

Model	a(mm)	b(mm)	c(mm)	d(mm)	e(mm)	f(N.m)	g(N.m)
NM8N-125	4	≥7.5	≤7.5	∅6.5	≤14.2	6	2
NM8N-250	6	≥9.5	≤8.5	∅8.5	≤25	11	2
NM8N-400 NM8N-630	8	≥15	≤12.5	∅10.5	≤30	25	3
NM8N-800	10	≥20	≤16	∅12.5	≤50	35	3
NM8N-1600	10(1250A) 20(1600A)	≥15	≤16	∅10.5	≤55	25	3

Solutions	Unipolar grounding system	Ungrounded system													
Circuit diagram															
Impact of fault	<table border="1"> <tr> <td>Fault A</td> <td>maximum short-circuit current I_{sc}</td> <td rowspan="3">t-circuit</td> </tr> <tr> <td>Fault B</td> <td>maximum short-circuit current I_{sc}</td> </tr> <tr> <td>Fault C</td> <td>has no effect</td> </tr> </table>	Fault A	maximum short-circuit current I_{sc}	t-circuit	Fault B	maximum short-circuit current I_{sc}	Fault C	has no effect	<table border="1"> <tr> <td>Fault A</td> <td>has no effect</td> </tr> <tr> <td>Fault B</td> <td>maximum short-circuit current I_{sc}</td> </tr> <tr> <td>F</td> <td>has no effect</td> </tr> </table>	Fault A	has no effect	Fault B	maximum short-circuit current I_{sc}	F	has no effect
Fault A	maximum short-circuit current I_{sc}	t-circuit													
Fault B	maximum short-circuit current I_{sc}														
Fault C	has no effect														
Fault A	has no effect														
Fault B	maximum short-circuit current I_{sc}														
F	has no effect														
sDC500V	<p>Note: 1. The upper and lower lines can be used, here the following lines are taken as an example.</p>	<p>Note: 1. Both the upper and lower lines can be used, here the following lines are taken as an example. 2. Make sure that the installation method does not cause a secondary ground fault.</p>													
DC500-750V	<p>Note: 1. The upper and lower lines can be used, here the following lines are taken as an example.</p>	<p>Note: 1. Both the upper and lower lines can be used, here the following lines are taken as an example. 2. Make sure that the installation method does not cause a secondary ground fault.</p>													
DC750-1000V	<p>Note: 1. The upper and lower lines can be used, here the following lines are taken as an example. such C</p>														

NM8NDC Wiring