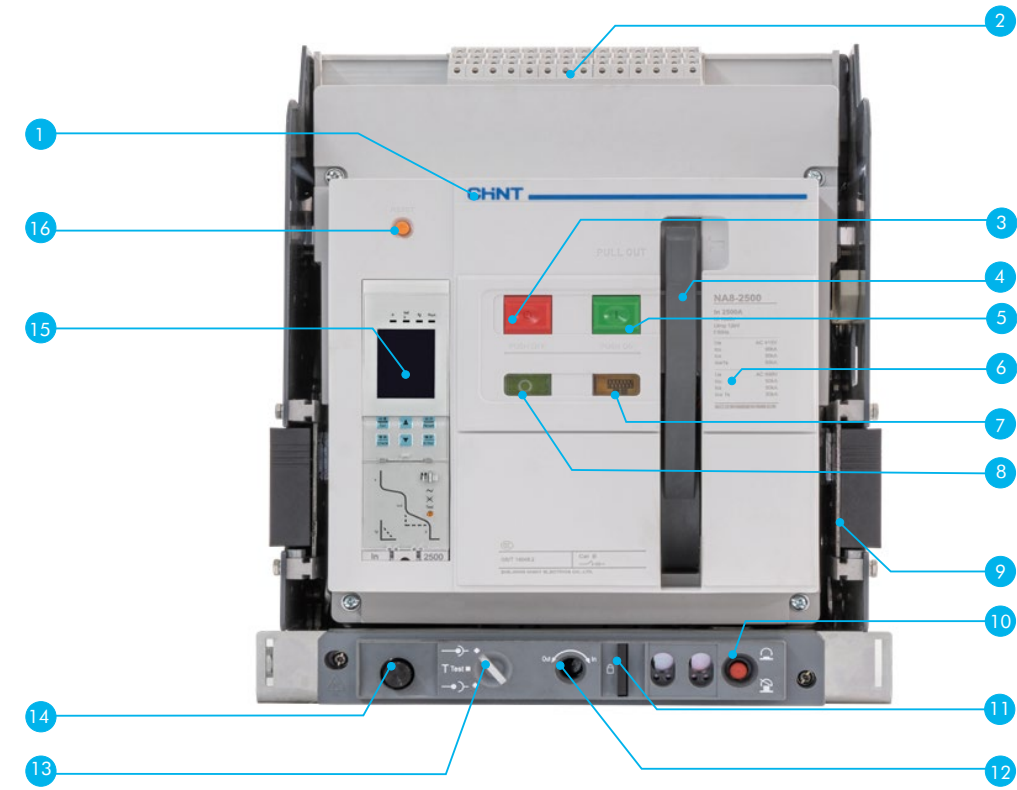
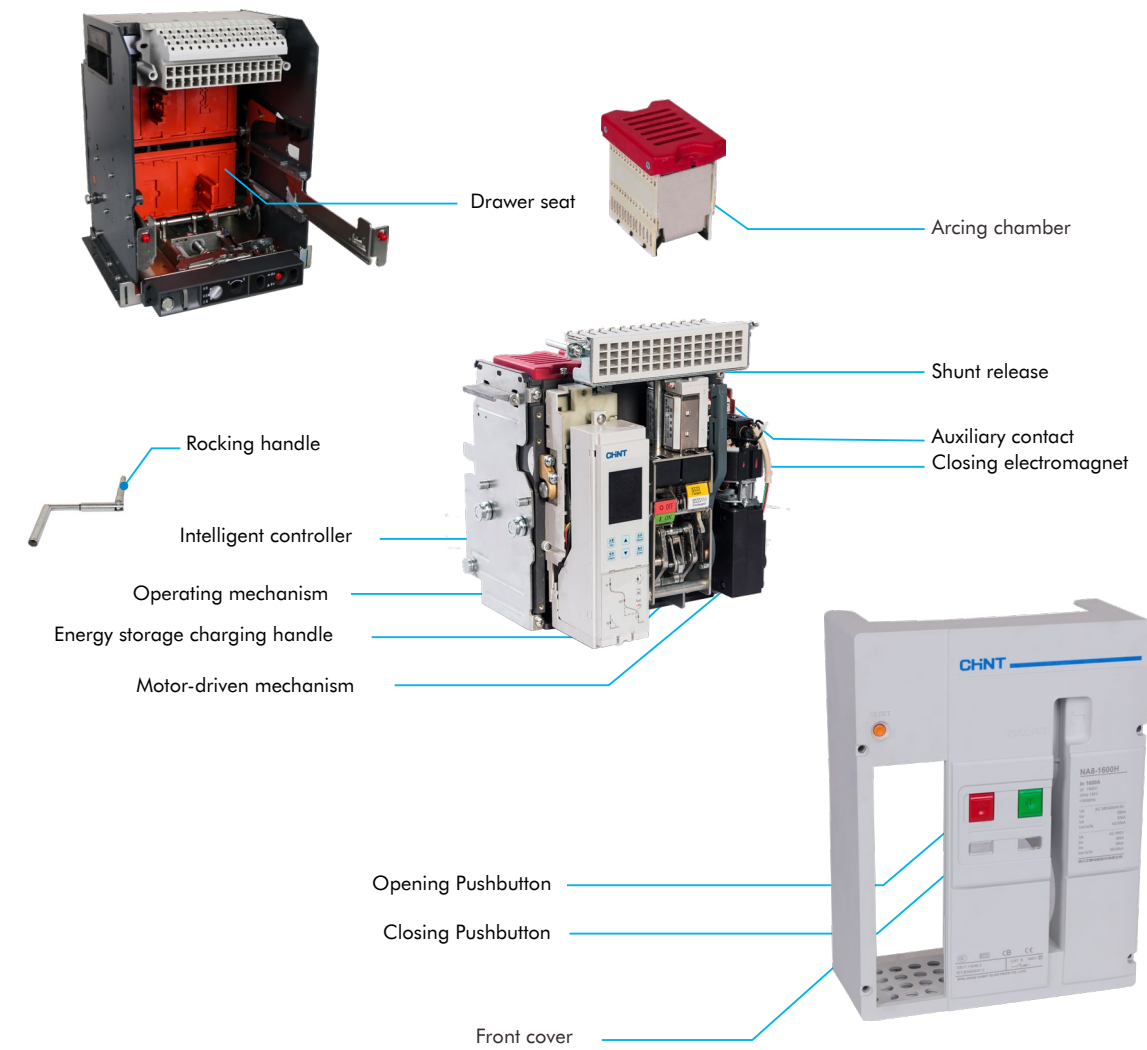
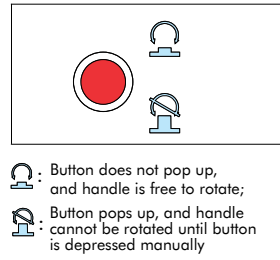
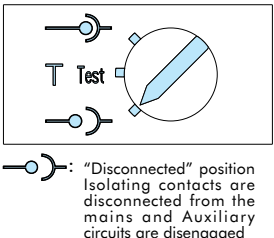
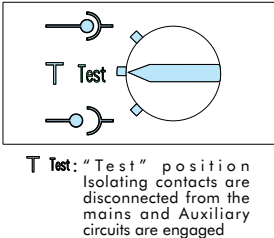
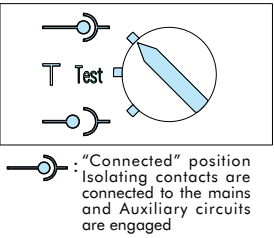


NA8 Air Circuit Breaker General Description

Structural Features of Circuit Breaker



1	Trademark	9	Draw-out plate
2	Secondary wiring terminal	10	Three-position locking device
3	Opening Pushbutton	11	Drawer padlock
4	Energy storage charging handle	12	Racking handle access
5	Making button	13	Position indicator
6	Name plate	14	Racking handle storage
7	Energy storage spring Charged/Release indicator	15	Intelligent controller
8	Close / Open indicator	16	Fault-breaking indicator reset button



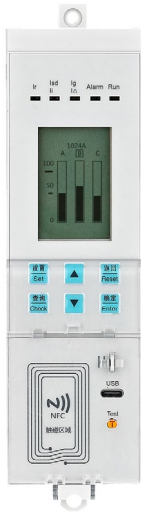


Circuit Breaker

- Frame size (A): 1600, 2500, 3200, 4000, 7500
- Three kinds of breaking capacity: N, H, HU
- Rated voltage Ue (VAC): 380/400/415, 690, 800, 1000/1150
- Number of poles: 3 or 4 poles
- Mounting mode: draw-out type or fixed type
- Mode of connection: horizontal connection, vertical connection, mixed connection

Operating Conditions and Environmental Suitability

- NA8 products can operate normally at the following temperature.
Electric and mechanical characteristic applicable for ambient temperature -5°C ~+40°C (certified), and also peripheral ambient temperature -45°C ~+70°C (M type), -20°C ~+70°C (H type).
- For specific derating factor, see P23.
Storage conditions: Applicable for -45°C ~+70°C .
- NA8 may resist against the following electromagnetic interference: EMI-generated overvoltage;
Overvoltage caused by environmental disturbance or distribution system;
Radio wave (radio, interphone, radar, etc.)
Static discharge of terminal users
- NA8 circuit breakers have successfully accredited through the EMC test specified in the following standards: IEC/ EN60947-2
The above tests may ensure: no false tripping fault, tripping time not interrupted.
- Protection grade Front IP20 , other sides IP00



Intelligent Controller

- M type (basic type)
Basic functions: current measurement and display, protection function (L, S, I&G)
- H type (communication type)
Including all protection functions of M Type
LCD display
Communication function
voltage, power and other measurement functions
advanced protection function
harmonic measurement and analysis
multiple auxiliary functions
- S type (IoT type)
Demand current protection
Controller temperature measurement
History max/min value record
Program upgrade
Authorities setup

Connection

- Rear connection
Standard: Horizontal connection
Optional: Vertical or Mixed connection
- Optional accessories
Interphase insulating barrier, NA8-1600 expansion busbar

Lock

- Key lock
- Drawer position padlock (to lock the circuit breaker at the disconnected position)
- Drawer shutters padlock
- Opening/Closing pushbutton padlock
- Door interlock

Indication Contacts

- Standard contacts
Open/Close indication contact
Fault trip indication contact
Spring energy storage indication contact
- Options
Drawer seat position indication contact
Optional : Ready-to-close contact (for 2000A frame and above)

Remote Operation

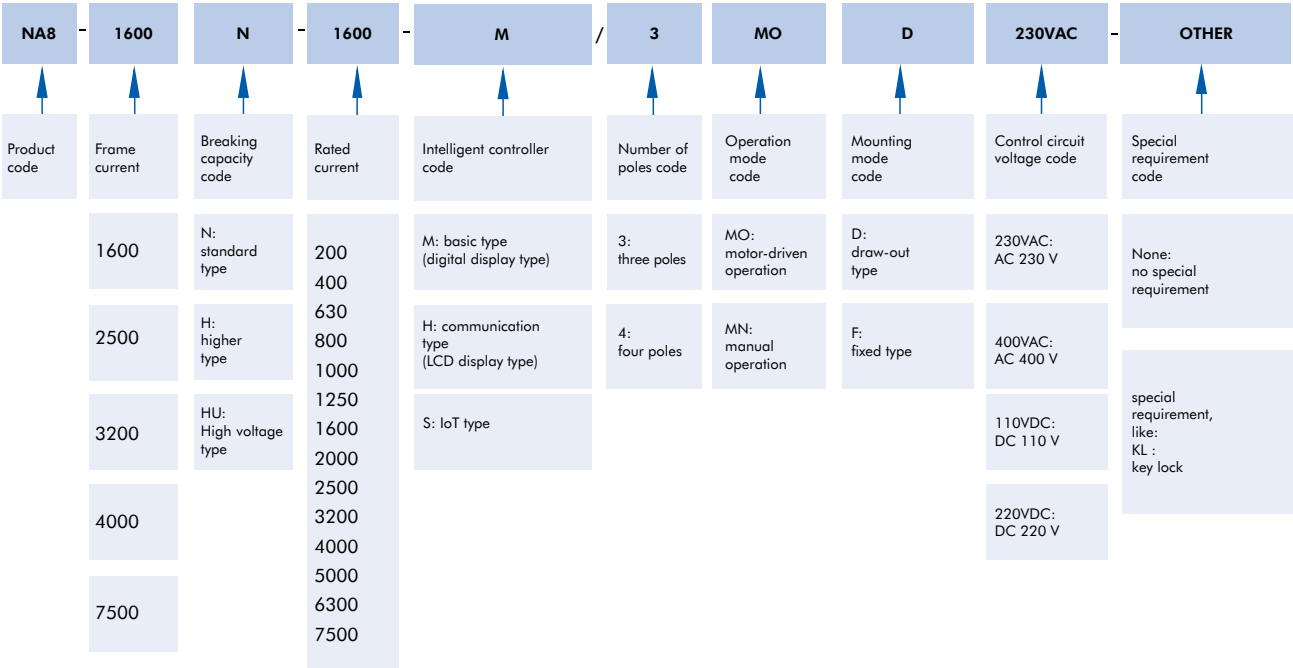
- Standard accessories
Motor-driven mechanism: MO
Closing electromagnet: CC
Shunt release: ST
- Options
Undervoltage time delay release: UVTD
Undervoltage instantaneous release: UVT
Under-voltage delay release-zero:UVTZ



NA8 Air Circuit Breaker

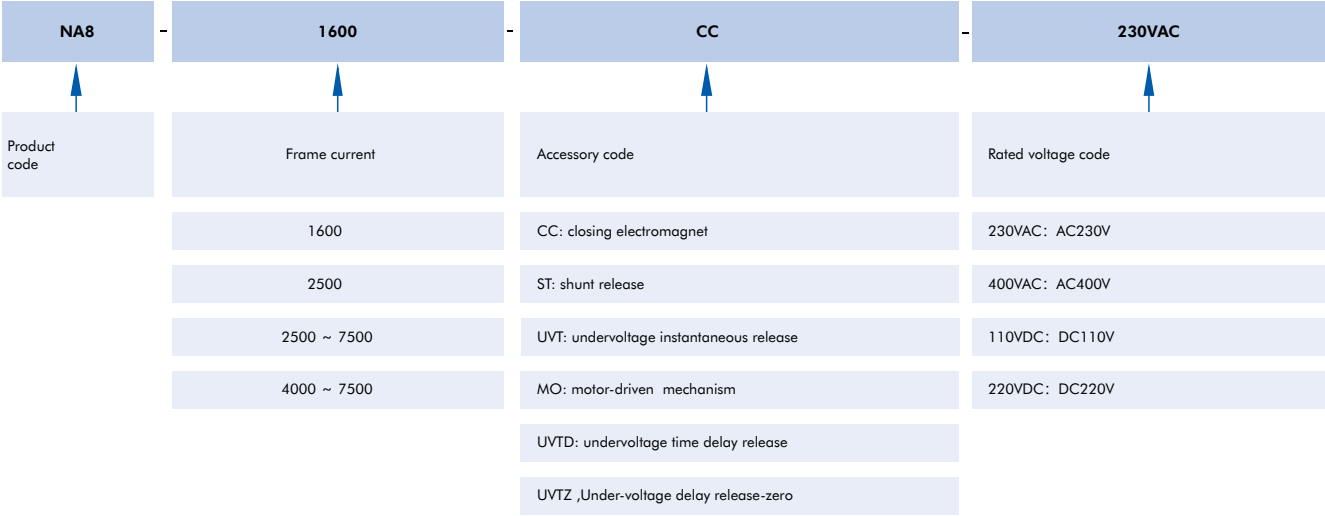
Product model	Breaking capacity \ Rated current	200	400	630	800	1000	1250	1600	2000	2500	3200	4000	5000	6300	7500
NA8-1600	N、H、S	■	■	■	■	■	■	■							
NA8-2500	N、H、HU			■	■	■	■	■	■	■					
NA8-3200	N							■	■	■	■				
NA8-4000	N、H、HU							■	■	■	■	■			
NA8-7500	N、H											■	■	■	■

NA8 Product Model Definition and Explanations

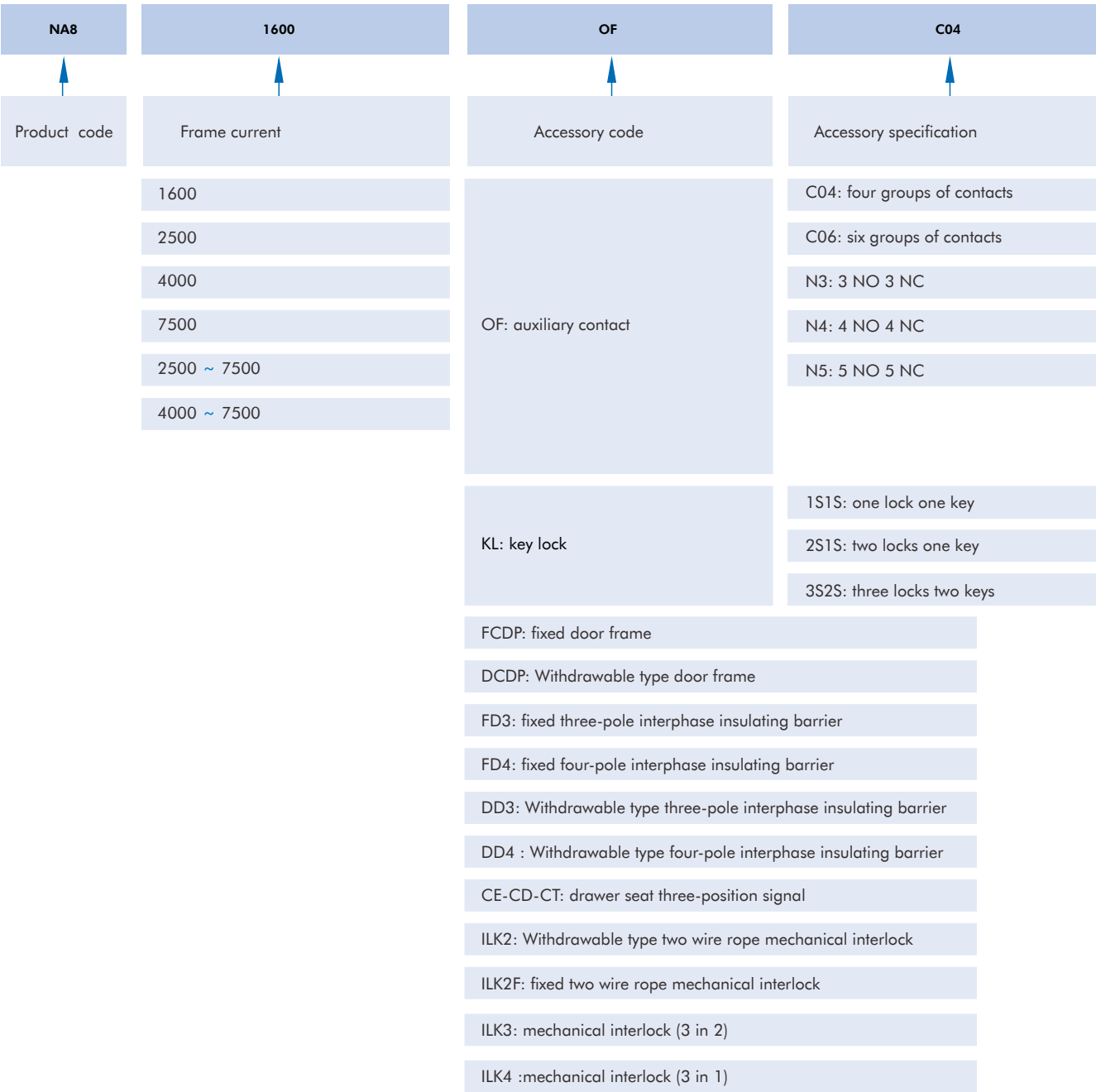


Notes: 1) 'N' can be omitted for type N breaking capacity of NA8-7500. If type H breaking capacity is selected, 'H' must be indicated.
2) Manual operation: excludes motor-driven mechanism, closing electromagnet, and shunt release.
Motor-driven operation: includes all remote operation standard accessories.
3) Code instance: NA8-2500H-2000M/3MO-D AC230V: 2500A frame H type breaking capacity, rated current 2000A, M type intelligent controller, 3poles,motor-driven operation, draw-out type, control voltage AC230V.

NA8 Accessory Model Definition and Explanations (1)



NA8 Accessory Model Definition and Explanations (2)



Main Technical Data of Circuit Breaker

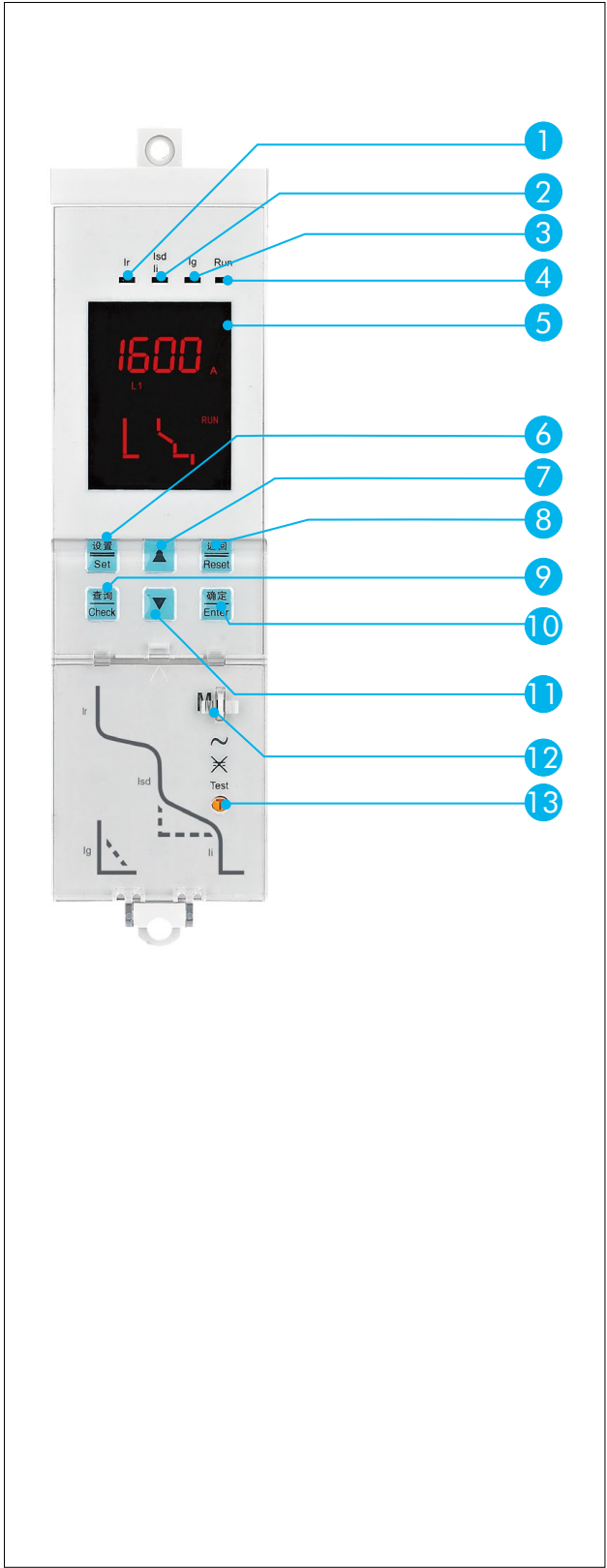


Number of poles	3/4	
Rated operational voltage Ue (V)	380/400/415/440、690、800、1000/1150V	
Rated insulation voltage Ui (V)	1000、1250、1500	
Rated impulse withstand voltage Uimp (kV)	12	
Rated frequency (Hz)	50/60	
Flashover distance (mm)	0	
Suitability for isolation	IEC/EN 60947-2	Applicable
Pollution grade	IEC 60664-1	N:3

Frame size			NA8-1600						NA8-2500						NA8-3200												
Rated current (A)			200	400	630	800	1000	1250	1600	630	800	1000	1250	1600	2000	2500	1600	2000	2500	3200							
Rated current of the N pole (A)			200	400	630	800	1000	1250	1600	630	800	1000	1250	1600	2000	2500	1600	2000	2500	3200							
Type of the circuit breaker			N (440V)		N (690V)		H (440V)		H (690V)		N(415V) N(690V) H(415V) H(690V)		HU(800V) HU(1000V/1500V)		N(415V)		N(690V)										
Rated ultimate short-circuit breaking capacity (kA rms) VAC 50/60Hz	Icu	380/400/415/440V、690V、800V、1000/1150V		55		42		66		50		65		55		85		65		65		55		100		75	
Rated service short-circuit breaking capacity (kA rms) VAC 50/60H z	Ics	380/400/415/440V、690V、800V、1000/1150V		55		42		66		50		65		55		85		65		65		55		100		75	
Utilization category				B								B												B		B	
Rated short- time withstand current (kA rms) VAC 50/60Hz	Icw 1s	380/400/415/440V、690V、800V、1000/1150V		42		42		55		50		65		55		85		65		65		55		85		65	
	Icw 3s	380/400/415/440V、690V		-		-		30		30						50		50									
Rated short-circuit making capacity (kA peak) VAC 50/60Hz	Icm	380/400/415/440V、690V、800V、1000/1150V		121		88		145		105		143		121		176		143		143		121		220		165	
Making current tripping protection function (MCR kA rms)				16								16												26			
Breaking time (ms)												20 ~ 30												20 ~ 30			
Closing time (ms)												30 ~ 40												30 ~ 40			
Mounting, connection and service life																											
Service life C/O cycle	Mechanical	No maintenance		10000						15000						10000											
	Electrical	No maintenance		1600A:8000(415V) 6000(690v) <1250A: 10000(415)						8000(415V) 4000(690V) 2000(1150V)						6500(415V) 3000(690V)											
Connection	Horizontal、Vertical、Mixed		■								■						■										
Size (H×W×D)	Fixed type	3P	320×254×250								367×370×357						402×422×341										
		4P	320×324×250								367×461×357						402×537×341										
	Withdrawable	3P	351×282×350								431×375×478						431.5×455×456										
		4P	351×352×350								431×470×478						431.5×550×456										

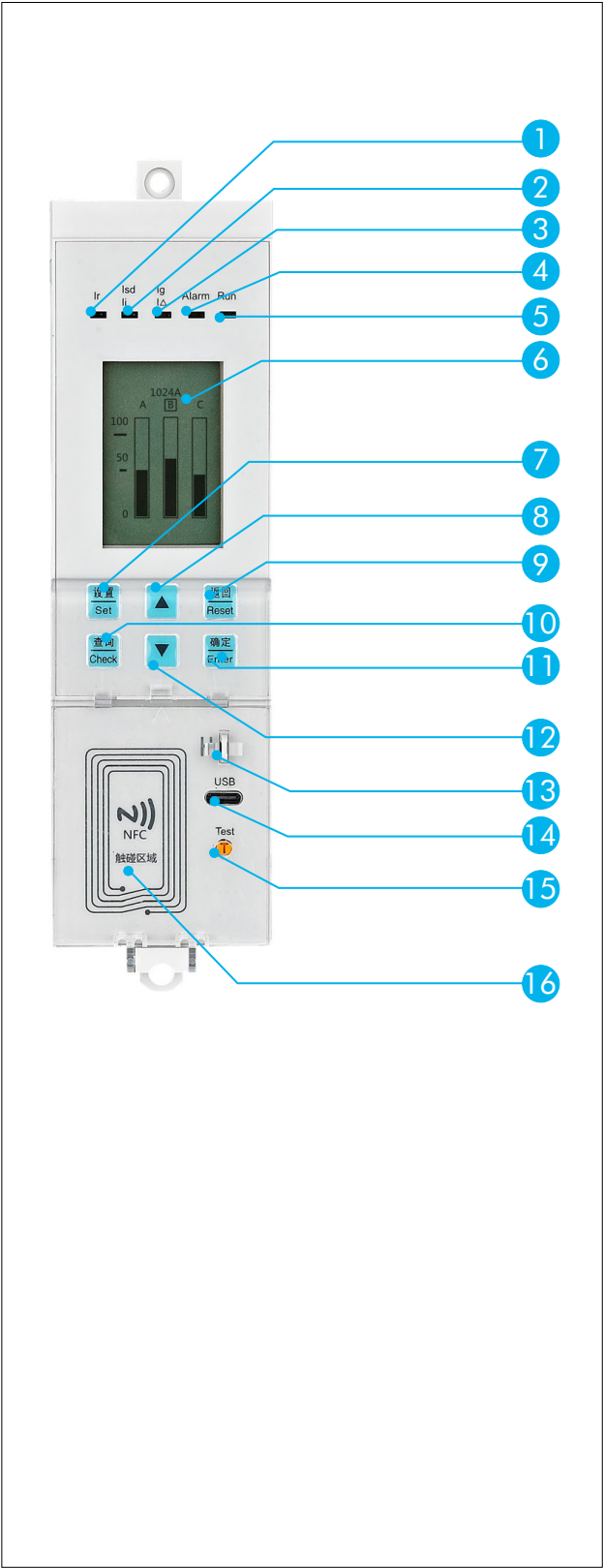
NA8-4000						NA8-7500							
1600	2000	2500	3200	4000		4000	5000	6300		7500			
1600	2000	2500	3200	4000		4000	5000	6300		3750			
N(415V)	N(690V)	H(415V)	H(690V)	HU(800V)	HU(1000V/1500V)	N (440V)	N (690V)	H (440V)	H (690V)	N(440V)	N (690V)	H (440V)	H (690V)
85	75	100	85	75	65	135	100	150	100	135	100	150	100
85	75	100	85	75	65	135	100	135	100	135	100	150	100
B						B							
85	75	100	85	75	65	135	100	135	100	135	100	135	100
			75	75		100	100	100	100	100	100	100	100
187	165	220	187	165	143	297	220	330	220	297	220	330	220
26						26							
20 ~ 30						20 ~ 30							
30 ~ 40						30 ~ 45							
10000						1000							
6500(415V) 4000A:600(1150V) 3000(690V) ≤4000A:3000(1150V)						1500(400V) 1000(690V)							
■						■							
402×422×341													
402×537×341													
431.5×455×456						472×786×464							
431.5×550×456						472×1016×464							

Function Overview of Intelligent Controller



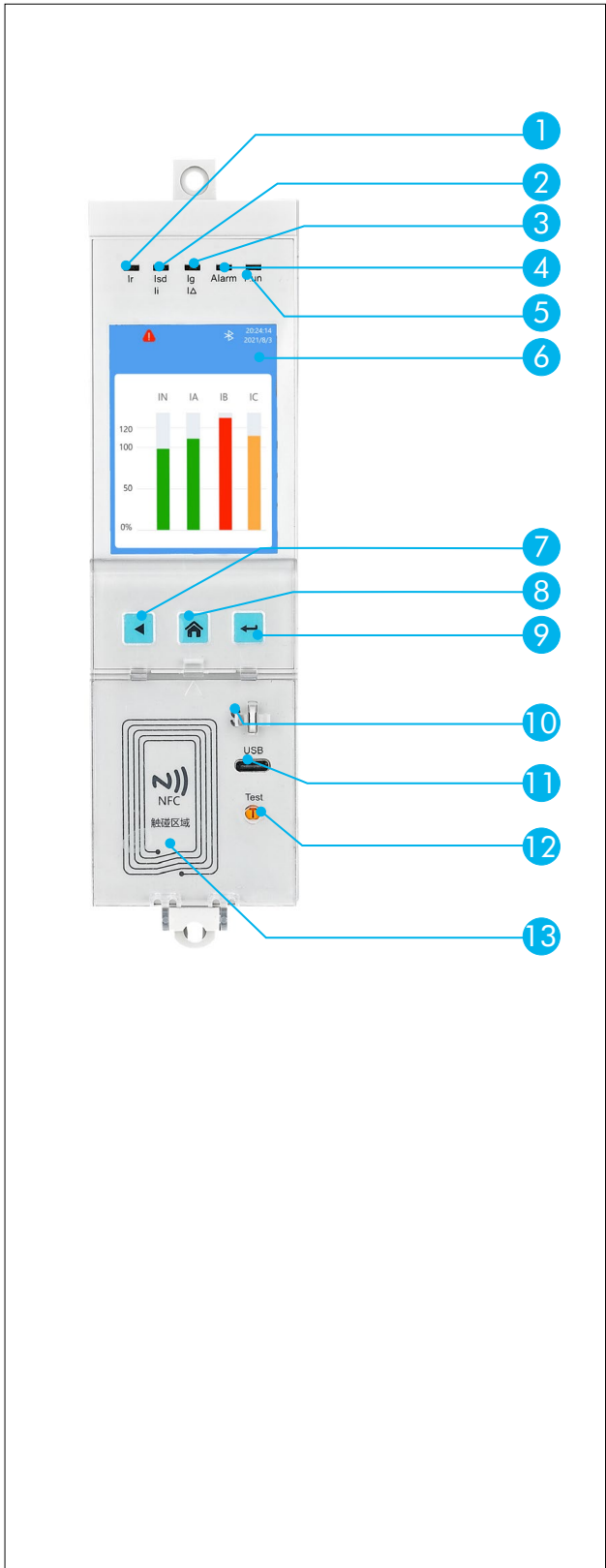
M type controller (standard type)

- 01 Ir indicator: overload long delay fault indication
- 02 Isd/li indicator: short circuit short delay fault indication/short circuit instantaneous/fault indication
- 03 Ig indicator: earth fault indication
- 04 Run indicator: green LED flashing during normal operation of the controller
- 05 Display window: displays currents, set parameters, fault currents, and tripping time etc. (on LED)
- 06 Set key: switch to parameters setup menu to set protection and alarm parameters
- 07 Up key: in current menu, move selection box submenu up or set parameter "+" in parameters setup
- 08 Reset key: exit current menu to enter upper level menu or cancel value of current set parameter
- 09 Check key: switch to the inquiry menu to check tripping records and alarm records etc.
- 10 Enter key: enter next level menu of current selected box or save current set parameter
- 11 Down key: in current menu, move selection box submenu down or set parameter "-" in parameters setup
- 12 Key lock hole: prevent change of parameter settings via lead seal
- 13 Test key: simulate instantaneous tripping



H type controller (harmonic type)

- 01 Ir indicator: overload long delay fault indication
- 02 Isd/li indicator: short circuit short delay fault indication/short circuit instantaneous fault indication
- 03 Ig indicator: earth fault indication/electric leakage fault indication
- 04 Alarm indicator: LED not lit during normal operation; LED glowing upon alarm
- 05 Run indicator: green LED flashing during normal operation of the controller
- 06 Display window: displays currents, set parameters, fault currents, and tripping time etc. (on LED)
- 07 Set key: switch to parameters setup menu to set protection and alarm parameters
- 08 Up key: in current menu, move selection box submenu up or set parameter "+" in parameters setup
- 09 Reset key: exit current menu to enter upper level menu or cancel value of current set parameter
- 10 Check key: switch to the inquiry menu to check tripping records and alarm records etc.
- 11 Enter key: enter next level menu of current selected box or save current set parameter
- 12 Down key: in current menu, move selection box submenu down or set parameter "-" in parameters setup
- 13 Key lock hole: prevent change of parameter settings via lead seal
- 14 USB interface: change parameter and read data via USB
- 15 Test key: simulate instantaneous tripping
- 16 NFC touch control area: via mobile phone NFC, read last tripping record



S type controller (IoT type)

- 01 Ir indicator: overload long delay fault indication
- 02 Isd/Ii indicator: short circuit short delay fault indication/short circuit instantaneous fault indication
- 03 Ig indicator: earth fault indication/electric leakage fault indication
- 04 Alarm indicator: LED is not lit during normal operation and glows upon alarm
- 05 Run indicator: green LED flashing during normal operation of controller
- 06 Display window and touch control area: displays currents, set parameters, fault currents, and tripping time etc.; use touch control to switch interfaces and input data (TFT display)
- 07 Reset key: exit current menu to enter upper level menu or cancel value of current set parameter
- 08 Home key: switch to the parameters setup menu to set protection and alarm parameters; press this key twice to switch to the quick view mode
- 09 Enter key: save current set parameter; press once to display last tripping record
- 10 Key lock hole: prevent change of parameter settings via lead seal
- 11 USB interface: change parameter and read data via USB
- 12 Test key: simulate instantaneous tripping
- 13 NFC touch control area: via mobile phone NFC, read last tripping record

Controller type selection

Controller function			NA8		
			M	H	S
			Standard type	Harmonic type	IoT type
Display mode			LED digitron	LCD	Color LCD
Protection functions	Current protections	Overload long delay	■	■	■
		Short circuit short delay	■	■	■
		Short circuit instantaneous	■	■	■
		Earth fault protection (1 of 2)	■	■	■
			-	□	□
		Electric leakage protection	-	□	□
		Neutral pole protection (4P, 3P+N)	□	□	□
		Overload pre-alarm	■	■	■
		Current open phase protection	□	□	■
		Current unbalance protection	■	■	■
	Voltage protections	MCR (make/break function)	■	■	■
		HSISC (overreach tripping function)	■	■	■
		Required current protection	-	□	■
		Overvoltage/undervoltage/phase sequence protection	-	■	■
		Voltage unbalance protection	-	■	■
	Frequency protections	Voltage open phase protection	-	□	■
		Over-frequency/under-frequency protection	-	■	■
	Power protection	Frequency change rate protection	-	-	■
		Inverse power protection	-	■	■
	Other	Thermal memory	■	■	■
		Load monitoring	-	□	□
		Regional selective interlock	-	□	□
Measurement functions	Currents	Phase/neutral line/earth currents	■	■	■
		Residual current	-	□	□
		Main current	-	■	■
		Current unbalance rate	■	■	■
	Voltages	Phase voltage/line voltage	-	■	■
		Voltage unbalance rate	-	■	■
		Phase sequence	-	■	■
	Power	Active/reactive/apparent power	-	■	■
	Ele. energy	Active/reactive/apparent electric energy	-	■	■
	Power factor		-	■	■
	Frequency		-	■	■
	Waveform display		-	■	■
	Measurement of harmonics		-	■	■
	Required value	Required current/required power	-	□	■

Notes:

1. ■ Yes; □ Optional; -None

2. For Ethernet communication module, additional power supply module PSU-A51 A220 D1 is required.

3. Load monitoring, regional selective interlock, programmable signal output, and “4-remote” functions need to be based on the additional functions, with additional PSU-1 power supply module and RU-1 relay module.

Controller type selection

Controller function				NA8		
				M	H	S
				Standard type	Harmonic type	IoT type
Health diagnosis	Health test	Fault tripping test		■	■	■
	Health prompts	Controller functions monitoring		■	■	■
		CB accessories monitoring		-	-	-
		Temperature monitoring	Controller temp.	-	-	■
	Health forecast			-	-	□
		Contact wear equivalent		-	■	■
	Maintenance prompts	Remaining service life		■	■	■
		Trip/close function maintenance		-	-	■
		Controller accessory modules maintenance		-	-	-
	CB maintenance (life/temp. etc.)		-	-	■	
Event records	Trip/alarm records (10 times)			■	■	■
	Displacement records (10 times)			-	■	■
	Operation times record			■	■	■
	Internal clock functions			-	■	■
	History maximum/minimum currents			-	-	■
	History maximum/minimum voltages			-	-	■
	Maximum/minimum frequencies			-	-	■
	Peak value of required power			-	-	■
	Maximum value of required current			-	-	■
	Electric energy quality analysis records			-	-	■
Smart interconnection	wireless radio frequency			-	□	■
	USB			-	■	■
	NFC			-	■	■
	Modbus RTU			-	■	■
	DL/T645 protocol			-	-	□
	DL/T698 protocol			-	-	□
	HPLC			-	-	□
	Ethernet			-	□	□
Expanded functions	Programmable signal output			-	□	□
	Voltage check closing			-	-	-
	Setup of dual parameters			-	-	□
	Maintenance mode protection			-	-	□
	Program upgrade			-	-	■
	Remote reset			-	-	-
	Authorities setup			-	-	■
	Harmonic alarm			-	-	■
	Overload reclosing			-	-	-

Notes:

1. ■ Yes; □ Optional; -None
2. For Ethernet communication module, additional power supply module PSU-A51 A220 D1 is required.
3. Load monitoring, regional selective interlock, programmable signal output, and “4-remote” functions need to be based on the additional functions, with additional PSU-1 power supply module and RU-1 relay module.

Protection type		Characteristic	Action value	Time delay
Long delay protections		Constant time-limit DT	Ir=0.4In~1In	Refer to characteristics table of DT
		Reverse time-limit IT		Refer to characteristics table of IT
		Reverse time-limit I²T		Refer to characteristics table of I²T
		Reverse time-limit I¹T		Refer to characteristics table of I¹T
Short circuit short delay protections		Constant time-limit	Isd= 1.5Ir~15Ir(In<3600A) Isd= 1.5Ir~50kA(In≥3600A)	0.1s, 0.2s, 0.3s, 0.4s 0.1s, 0.2s, 0.3s, 0.4s (Isd>8Ir) (8Ir/I)²×tsd (Isd8Ir)
		Constant time-limit +Reverse time-limit		
Instantaneous protections		-	li= 1.5In~15In(In≤5000A) li= 1.5In~75kA(In≥6300A)	-
Earth protections	Vector sum protections	Constant time-limit	Ig= 100A~1In(In≤400A) Ig= 0.2In~1In(630A≤In≤3200A) Ig= 0.2In~3200A(In>3200A)	0.1s, 0.2s, 0.3s, 0.4s
		Constant time-limit +Reverse time-limit	Ig= 100A~1In(In≤400A) Ig= 0.2In~1In(630A≤In≤3200A)	0.1s, 0.2s, 0.3s, 0.4s(Ig>In) (1.0In/I)²×tg(1.1Ig<I<1.0In)
			Ig= 0.2In~3200A(In>3200A)	0.1s, 0.2s, 0.3s, 0.4s(Ig>3200A) (3200/I)²×tg(1.1Ig<I<3200A)
	Earth current protections	Constant time-limit	Ig= 100A~1In(In≤400A) Ig= 0.2In~1In(630A≤In<1200A) Ig= 500A~1200A(In≥1250A)	0.1s, 0.2s, 0.3s, 0.4s
		Constant time-limit +Reverse time-limit	Ig= 100A~1In(In≤400A) Ig= 0.2In~1In(630A≤In<1200A)	0.1s, 0.2s, 0.3s, 0.4s (Ig>In) (1.0In/I)²×tg (1.1Ig<I<1.0In)
			Ig= 500A~1200A(In≥1250A)	0.1s~0.4s (Ig>1200A) (1200/I)²×tg (1.1Ig<I<1200A)
Electric leakage protection		Constant time-limit +Reverse time-limit	I△n=0.5A~30A	Refer to electric leakage characteristics table
MCR protection		-	-	
HSISC protection		-	-	
Current unbalance protection		Constant time-limit	20% ~ 60%	1s~40s
Required current protection		Constant time-limit	0.4In~1In	15s~1500s
Current open phase protection		Constant time-limit	90% ~ 99%	0.1s~3s
Neutral line protections	IN=50%	Constant time-limit +Reverse time-limit	IrN=50%Ir IsdN=50%Isd liN=50%li IgN=100%Ig	-
	IN=100%	Constant time-limit +Reverse time-limit	IrN=100%Ir IsdN=100%Isd liN=100%li IgN=100%Ig	-

Notes:

1. ■ Yes; □ Optional; -None
2. For Ethernet communication module, additional power supply module PSU-A51 A220 D1 is required.
3. Load monitoring, regional selective interlock, programmable signal output, and “4-remote” functions need to be based on the additional functions, with additional PSU-1 power supply module and RU-1 relay module.

Smart controller protection characteristics

Table of protection functional parameters

Protection type		Protection characteristics	Alarm return value	Alarm return time	Graded difference (step length)	Action tolerance (accuracy)	Alarm or not	Close or not
Long delay protections		Constant time-limit DT	0.9Ir	1s~10s	1A (1600/2500 frame size) 2A (3200/4000/7500 frame size)	±10%	Yes	Yes
		Reverse time-limit IT						
		Reverse time-limit I2T						
		Reverse time-limit I4T						
Short circuit short delay protections		Constant time-limit	0.8Isd	1s~10s	Isd<10kA: 1A (1600/2500 frame size) 2A (3200/4000/7500 frame size) Isdd≥10kA: 10A (1600/2500 frame size) 20A (3200/4000/7500 frame size)	±10%	Yes	Yes
		Constant time-limit +Reverse time-limit						
Instantaneous protection		-	0.7Ii	1s~5s	Ii<10kA: 1A (1600/2500 frame size) 2A (3200/4000/7500 frame size) Ii≥10kA: 10A (1600/2500 frame size) 20A (3200/4000/7500 frame size)	±10%	Yes	Yes
Earth prot.	Vector sum	Constant time-limit Constant time-limit +Reverse time-limit	0.2In~setting	1s~10s	1A (1600/2500 frame size) 2A (3200/4000/7500 frame size)	±10%	Yes	Yes
	Earth curent	Constant time-limit Constant time-limit +Reverse time-limit						
Electric leakage protection		Constant time-limit +Reverse time-limit	0.5A~setting	1s~10s	0.1A	-20%	Yes	Yes
MCR protection		-				±15%	No	Yes for S
HSISC protection		-				±15%	No	Yes for S
Current unbalance		Constant time-limit	20%~setting	1s~360s	1%	±10%	Yes	Yes
Required current		Constant time-limit	0.4In~setting	15s~3000s	1A	±10%	Yes	Yes
Current open phase		Constant time-limit	20%~setting	1s~360s	1%	±10%	Yes	Yes
Neutral line protection	I _N =50%	Constant time-limit +Reverse time-limit	-				Yes	Yes
	I _N =100%	Constant time-limit +Reverse time-limit					Yes	Yes

Notes:

1. Long delay protection: M type controller only has I2T characteristics. H type controller has IT, I2T, and I4T characteristics. S type controller has DT, IT, I2T, and I4T characteristics.
2. Product default settings: as shown below; please set controller overcurrent protection parameters according to actual demands:
Long delay protection: Ir=1.0In; tr=15s (@1.5Ir);
Short circuit short delay protection: Isd=8Ir (Ir < 6250A) Isd=50kA (Ir 6250A); tsd=0.4s
Instantaneous protection: Ii=12In (In=200A~5000A); Ii=75kA (In 6300A);
Earth protection: Ig=OFF; tg=0.4s

Protection functions parameters table

Protection type		Characteristic	Action value	Time delay	Alarm return value	Alarm return time
Overvoltage protection		Constant time-limit	1.0Ue~1.35Ue	1s~5s	Ue~setting	1s~36s
Undervoltage protection		Constant time-limit	0.2Ue~0.7Ue	0.2s~10s	setting~Ue	1s~36s
Voltage unbalance prot.		Constant time-limit	2%~30%	1s~40s	2%~setting	1s~360s
Phase sequence prot.		Constant time-limit	ABC, ACB	0.3s	-	-
Voltage missing phase protection		Constant time-limit	90%~99%	0.1s~3s	20%~setting	1s~360s
Overfrequency protection		Constant time-limit	50Hz~64Hz	0.2s~5s	50Hz~setting	1s~360s
Underfrequency protection		Constant time-limit	46Hz~60Hz	0.2s~5s	setting~60Hz	1s~360s
Freq. change rate prot.		Constant time-limit	0.4Hz/s~10Hz/s	0.5s~10s	0.4Hz/s~setting/s	1s~360s
Inverse power protection (active)		Constant time-limit	0.1Sn~1Sn	0.2s~20s	0.1Sn~setting	1s~360s
Inverse power protection (reactive)		Constant time-limit	0.1Sn~1Sn	0.2s~20s	0.1Sn~setting	1s~360s
Overpower protection (active)		Constant time-limit	0.4Sn~1.5Sn	0.2s~20s	0.4Sn~setting	1s~360s
Overpower protection (reactive)		Constant time-limit	0.4Sn~1.5Sn	0.2s~20s	0.4Sn~setting	1s~360s
Underpower protection (active)		Constant time-limit	0.1Sn~1Sn	0.2s~20s	setting~1Sn	1s~360s
Required power protection (total power)		Constant time-limit	0.4Sn~1Sn	15s~1500s	0.4Sn~setting	15s~3000s
Current load monitoring		Constant time-limit	0.4Ir (min. 100A)~1Ir	(20%~80%)Tr	0.2Ir (min. 80A) ~unloading threshold	10s~3600s
Active power load monitoring		Constant time-limit	200kW~10000kW	10s~3600s	100kW~enable unloading threshold	10s~3600s
Bus temperature monitoring		Constant time-limit	100°C ~150°C	10s~3600s	100C ~setting	10s~3600s
Overload pre-alarm		Constant time-limit	Ir0=0.75Ir~1.05Ir	0.5Tr	0.9Ir0	0.5Tr
3-phase power factor alarm		Constant time-limit	0.2~0.95	1s~40s	Setting +0.05	1s~360s
Harmonic out-of-limit alarm	THDi	Constant time-limit	10%~30%	10s~120s	Setting -2%	10s~360s
	THDu		3%~10%			

Notes:

1. Tr can be set to 15s, 30s, 60s, 120s, 240s, 480s;
2. For unimportant fault protections, the smart controller can be configured with automatic reclosing, of the following two modes:
Mode 1: With automatic reclosing function enabled, CB will be tripped via shunt release as controlled by DO output, and the reclosing will adopt DO output to control the closing electromagnet to close the CB.
If the DO output controlled shunt release cannot trip the CB, tripping will occur via the magnetic flux converter and in this case, automatic reclosing is not possible.
Mode 2: With automatic reclosing function enabled, the magnetic flux converter will trip the CB and then the DO output will control the remote reset module and the closing electromagnet to reset the interlock mechanism and close the CB.
No matter mode 1 or mode 2, if closing is not possible after 2 reclosing operations, the controller will generate an alarm (the DO function must be set correctly for this purpose) and the CB product must be electric (with motor). By default, overload reclosing will adopt mode 1. Upon overcurrent, after operation of the overload long delay protection, automatic reclosing will be realized according to the following reclosing delay.

Protection functions parameters table

Protection type		Graded difference (step length)	Action tolerance (accuracy)	Alarm or not	Close or not
Overvoltage protection		1V	±10%	Yes	Yes
Undervoltage protection		1V	±10%	Yes	Yes
Voltage unbalance protection		1%	±10%	Yes	Yes
Phase sequence prot.		-	±10%	Yes	Yes
Voltage missing phase protection		1%	±10%	Yes	Yes
Overfrequency protection		0.1Hz	±10%	Yes	Yes
Underfrequency protection		0.1Hz	±10%	Yes	Yes
Frequency change rate protection		0.1Hz	±10%	Yes	Yes
Inverse power protection (active)		1kW(1600/2500 frame size) 2kW(3200/4000/7500 frame size)	±10%	Yes	Yes
Inverse power protection (reactive)		1kW(1600/2500 frame size) 2kW(3200/4000/7500 frame size)	±10%	Yes	Yes
Overpower protection (active)		1kW(1600/2500 frame size) 2kW(3200/4000/7500 frame size)	±10%	Yes	Yes
Overpower protection (reactive)		1kW(1600/2500 frame size) 2kW(3200/4000/7500 frame size)	±10%	Yes	Yes
Underpower protection (active)		1kW(1600/2500 frame size) 2kW(3200/4000/7500 frame size)	±10%	Yes	Yes
Required power protection (total power)		1kW(1600/2500 frame size) 2kW(3200/4000/7500 frame size)	±10%	Yes	Yes
Current load monitoring		1A(1600/2500 frame size) 2A(3200/4000/7500 frame size)	±10%	Yes	Yes
Active power load monitoring		1kW	±10%	Yes	Yes
Bus temperature monitoring		1C	±10%	Yes	Yes
Overload pre-alarm		1A(1600/2500 frame size) 2A(3200/4000/7500 frame size)	±10%	Yes	Yes
3-phase power factor alarm		0.01	±10%	Yes	Yes
Harmonic out-of-limit alarm	THDi	1%	±10%	Yes	Yes
	THDu	1%	±10%	Yes	Yes

Notes:

1. Tr can be set to 15s, 30s, 60s, 120s, 240s, 480s;
2. For unimportant fault protections, the smart controller can be configured with automatic reclosing, of the following two modes:
Mode 1: With automatic reclosing function enabled, CB will be tripped via shunt release as controlled by DO output, and the reclosing will adopt DO output to control the closing electromagnet to close the CB.
If the DO output controlled shunt release cannot trip the CB, tripping will occur via the magnetic flux converter and in this case, automatic reclosing is not possible.
Mode 2: With automatic reclosing function enabled, the magnetic flux converter will trip the CB and then the DO output will control the remote reset module and the closing electromagnet to reset the interlock mechanism and close the CB.
No matter mode 1 or mode 2, if closing is not possible after 2 reclosing operations, the controller will generate an alarm (the DO function must be set correctly for this purpose) and the CB product must be electric (with motor). By default, overload reclosing will adopt mode 1. Upon overcurrent, after operation of the overload long delay protection, automatic reclosing will be realized according to the following reclosing delay.

Parameter name	Setting range	Setting step length	Remark
Reclosing delay	(10~3600)s	1 s	In case of operation after 2 reclosing actions, manually check resetting.
Protection type	Open/closed		

Notes:

1. Use of this function requires purchase of additional PSU-1 power supply module and RU-1 relay module.
2. If mode 2 is selected, specify this when ordering. Besides, for mode 2, purchase additional remote reset module and closing ready device.

DT characteristics table

Curve type	Fault current	Action time tr(s)						Remark
		15	30	60	120	240	480	
DT	1.5×I _r	2	4	8	16	32	64	tr=Tr/7.5
	2I×r	2	4	8	16	32	64	
	6I×r	2	4	8	16	32	64	
	7.2×I _r	2	4	8	16	32	64	

IT characteristics table

Curve type	Fault current	Action time tr(s)						Remark
		15	30	60	120	240	480	
IT	1.5×I _r	15	30	60	120	240	480	tr=(1.5I _r /I) ×Tr (min. 0.8s, max. 655s)
	2×I _r	11.25	22.5	45	90	180	360	
	6×I _r	3.75	7.5	15	30	60	120	
	7.2×I _r	3.125	6.25	12.5	25	50	100	

I²T characteristics table

Curve type	Fault current	Action time tr(s)						Remark
		15	30	60	120	240	480	
I ² T	1.5×I _r	15	30	60	120	240	480	tr=(1.5I _r /I) ² ×Tr (min. 0.8s, max. 655s)
	2×I _r	8.44	16.87	33.75	67.5	135	270	
	6×I _r	0.94	1.87	3.75	7.5	15	30	
	7.2×I _r	0.8	1.3	2.6	5.2	10.41	20.83	

I⁴T characteristics table

Curve type	Fault current	Action time tr(s)						Remark
		15	30	60	120	240	480	
I ⁴ T	1.5×I _r	15	30	60	120	240	480	tr=(1.5I _r /I) ⁴ ×Tr (min. 0.8s, max. 655s)
	2×I _r	4.75	9.5	19	38	75.94	151.87	
	6×I _r	0.8	0.8	0.8	0.8	0.94	1.87	
	7.2×I _r	0.8	0.8	0.8	0.8	0.8	0.904	

Electric leakage characteristics table

Set time (s)	Instant	0.18	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	Remark
Set current multiple	Action time Tn(s)												Reverse time-limit $T_{\Delta n}=(2I_{\Delta n}/I) t_{\Delta n}$
$I_{\Delta n}$	0.04	0.36	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	
$2I_{\Delta n}$	0.04	0.18	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	
$5I_{\Delta n}$	0.04	0.072	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	
$>5I_{\Delta n}$	0.04	0.072	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	Constant time-limit
Allowed return time	0.02	0.06	0.08	0.17	0.25	0.33	0.42	0.5	0.58	0.67	0.75	0.83	

MCR parameter settings table

Product model	Controller type	MCR setting range	Setting step	Ex-factory default	Current action error
NA8-1600	M, H	5.1kA(In=200A~400A)	-	5.1kA	±15%
		10kA(In=630A~800A)	-	10kA	±15%
		16kA(In=1000A~1600A)	-	16kA	±15%
	S	5.1kA~10kA+OFF(In=200A~400A)	1kA	5.1kA	±15%
		10kA~20kA+OFF(In=630A~800A)	1kA	10kA	±15%
		16kA~30kA+OFF(In=1000A~1600A)	1kA	16kA	±15%
NA8-2500	M, H	10kA(In=400A~800A)	-	10kA	±15%
		16kA(In=1000A~2500A)	-	16kA	±15%
	S	10kA~20kA+OFF(In=630A~800A)	1kA	10kA	±15%
		16kA~30kA+OFF(In=1000A~1600A)	1kA	16kA	±15%
NA8-3200	M, H	16kA(In=630A~1250A)	-	16kA	±15%
		25kA(In=1600A~3200A)	-	25kA	±15%
	S	16kA~30kA+OFF(In=630A~1250A)	2kA	16kA	±15%
		25kA~50kA+OFF(In=1600A~3200A)	2kA	25kA	±15%
NA8-4000	M, H	16kA(In=800A~1600A)	-	16kA	±15%
		25kA(In=2000A~4000A)	-	25kA	±15%
	S	16kA~30kA+OFF(In=800A~1600A)	2kA	16kA	±15%
		25kA~50kA+OFF(In=2000A~4000A)	2kA	25kA	±15%
NA8-7500	M, H	40kA	-	40kA	±15%
	S	40kA~80kA+OFF	2kA	40kA	±15%

Notes:

- Symbol OFF indicates exiting this function.
- Symbol – indicates fixed setting that cannot be adjusted.

MCR parameter settings table

Product model	Controller type	HSISC setting range	Setting step	Ex-factory default	Current action error
NA8-1600	M, H	16kA(In=200A~400A)	-	OFF	±15%
		32kA(In=630A~800A)	-	OFF	±15%
		50kA(In=1000A~1600A)	-	OFF	±15%
	S	40kA~60kA+OFF	1kA	OFF	±15%
NA8-2500	M, H	32kA(In=400A~800A)	-	OFF	±15%
		50kA(In=1000A~2000A)	-	OFF	±15%
	S	40kA~60kA+OFF	1kA	OFF	±15%
NA8-3200	M, H	50kA(In=630A~1250A)	-	OFF	±15%
		80kA(In=1600A~3200A)	-	OFF	±15%
	S	50kA~80kA+OFF	2kA	OFF	±15%
NA8-4000	M, H	50kA(In=800A~1600A)	-	OFF	±15%
		80kA(In=2000A~3200A)	-	OFF	±15%
	S	50kA~80kA+OFF	2kA	OFF	±15%
NA8-7500	M, H	80kA	-	OFF	±15%
	S	80kA~100kA+OFF	2kA	OFF	±15%

Notes:

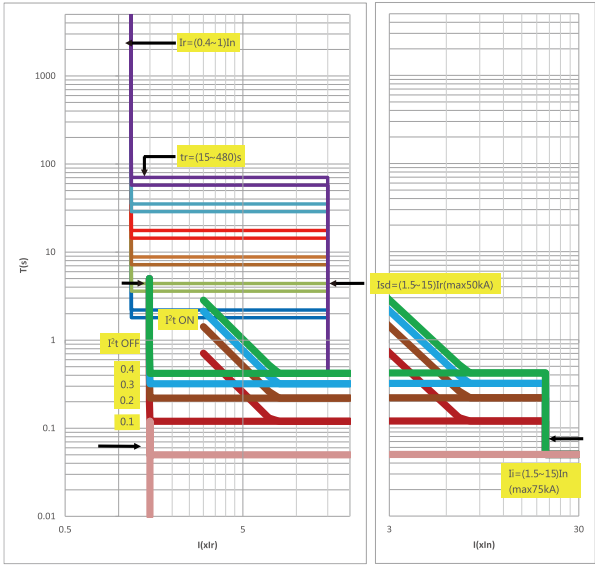
- Symbol OFF indicates exiting this function.
- Symbol – indicates fixed setting that cannot be adjusted.

Controller working power supply

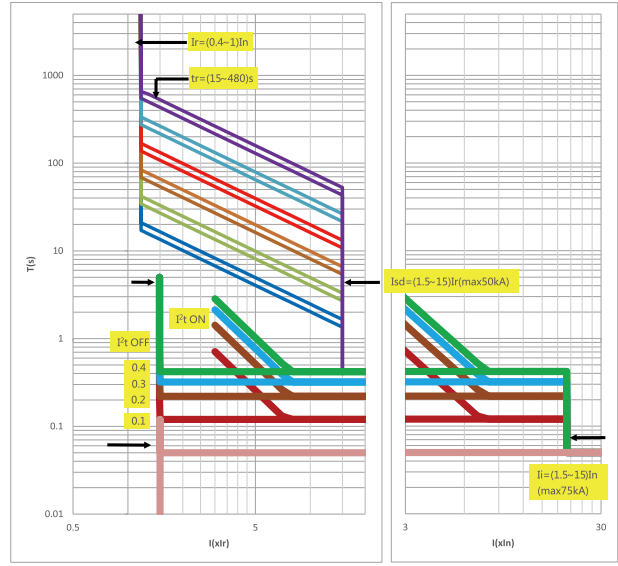
Simultaneous power supply by auxiliary power and power mutual transformer is adopted to ensure reliable operation of the controller at very small load and upon short circuit. There are 3 power supply modes for this controller:

- a.By power supply CT: this mode can satisfy protections upon overload or short circuit at CB load side;
- b.By auxiliary power supply: in case CB load is less than 20%In, this power supply can satisfy protections, display, communication, and control functions;
- c.USB power supply: supply power at open CB state, e.g. tripped, commissioning, or maintenance etc.

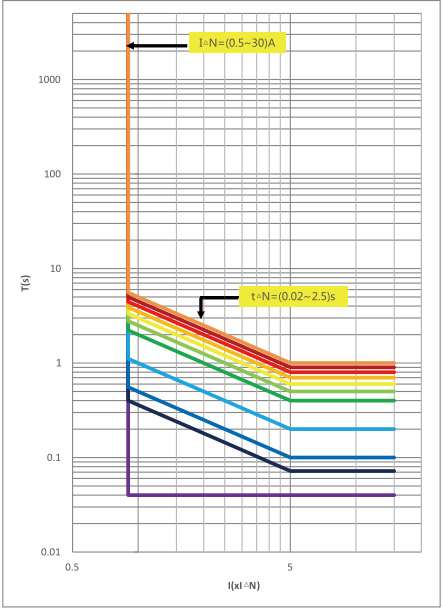
Overcurrent protection characteristic curve DT



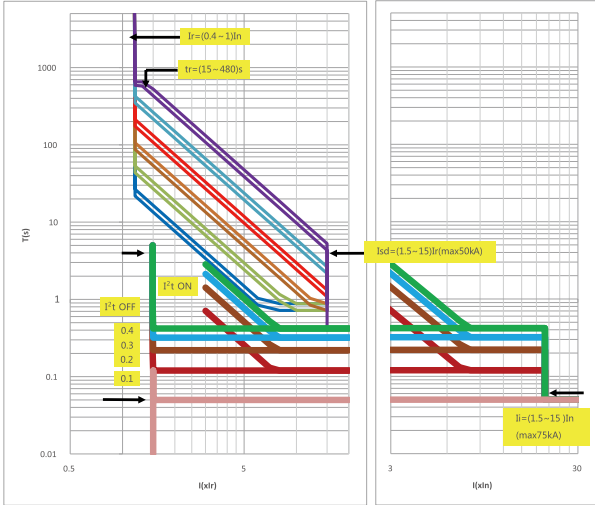
Overcurrent protection characteristic curve IT



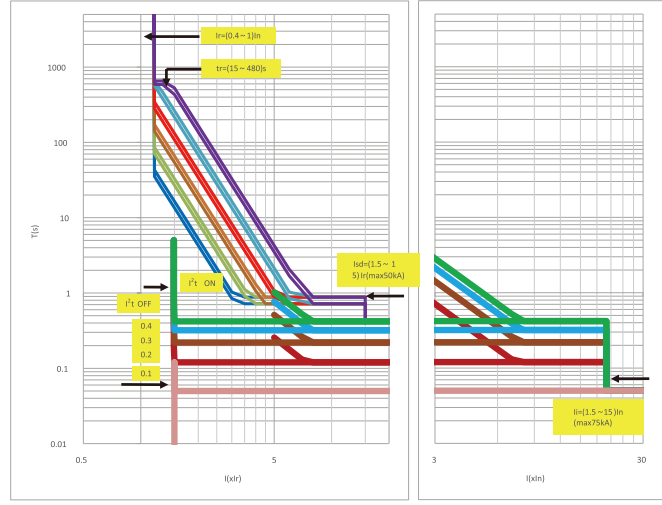
Electric leakage protection characteristic curve



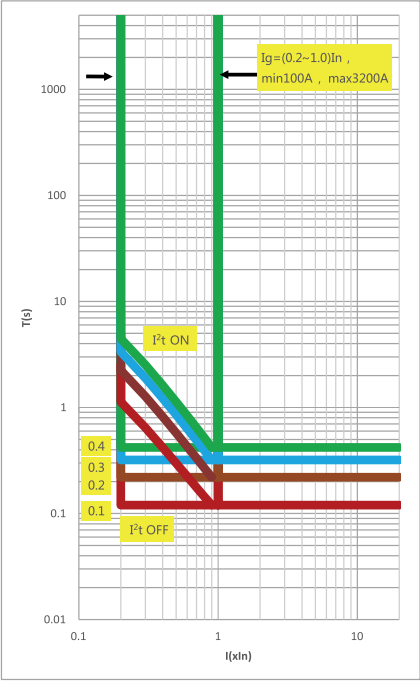
Overcurrent protection characteristic curve I²T



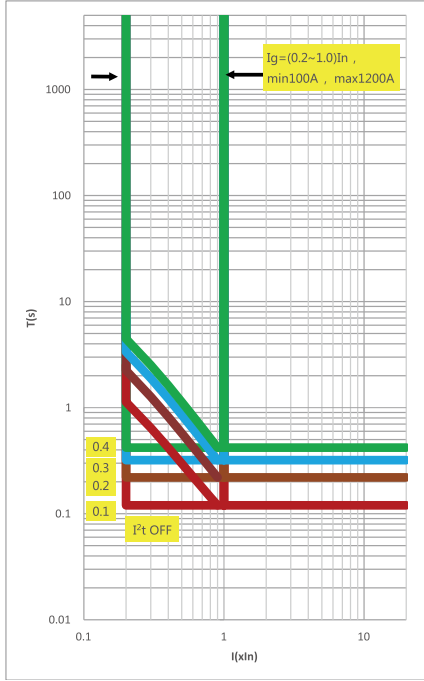
Overcurrent protection characteristic curve I⁴T



Earth protection characteristic curve (vector sum)



Earth protection characteristic curve (earth current)



Smart controller measurement accuracy

Table of smart controller measurement accuracy

Item		Symbol	Measuring range	Measurement accuracy		
				M	H	S
Currents	Phase current	$I_{A\prime}, I_{B\prime}, I_{C\prime}$	$0.2I_n \sim 1.2I_n$	$\pm 1.5\%$ ($I < 100A$: $\pm 1.5A$)	$\pm 1\%$ ($I < 100A$: $\pm 1A$)	$\pm 0.5\%$ ($I < 100A$: $\pm 0.5A$)
	Neutral line current	I_N				
	Mean current	I_{avg}				
	Earth current	I_g	$0.2I_n \sim 1.2I_n$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$
	Residual current	$I_{\Delta n}$	$0.3 > \sim 36A$	-	$\pm 10\%$	$\pm 10\%$
	Current unbalance rate	I_{unbal}	$0 \sim 100\%$	-	± 5	± 5
Voltages	Phase voltage	$U_{AN\prime}, U_{BN\prime}, U_{CN}$	$69V \sim 300V$	-	$\pm 1\%$	$\pm 0.5\%$
	Line voltage	$U_{AB\prime}, U_{BC\prime}, U_{CA}$	$120V \sim 600V$	-	$\pm 1\%$	$\pm 0.5\%$
	Mean line voltage	U_{avg}	$120V \sim 600V$	-	$\pm 1\%$	$\pm 0.5\%$
	Voltage unbalance rate	U_{unbal}	$0 \sim 100\%$	-	± 5	± 5
Power	Active power	P	$0.8U_e \sim 1.2U_e$ $0.2I_n \sim 1.2I_n$	-	$\pm 2.5\%$	$\pm 1\%$
	Reactive power	Q		-	$\pm 2.5\%$	$\pm 2\%$
	Apparent power	S		-	$\pm 2.5\%$	$\pm 1\%$
Electric energy	Active electric energy	E.P	$-79999999.9KWh \sim +79999999.9KWh$	-	$\pm 2.5\%$	$\pm 1\%$
	Reactive electric energy	E.Q	$-79999999.9Kvarh \sim +79999999.9Kvarh$	-	$\pm 2.5\%$	$\pm 2\%$
	Apparent electric energy	E.S	$0 \sim 79999999.9KVAh$	-	$\pm 2.5\%$	$\pm 1\%$
Power factor		PF	$0.5L \sim 0.8C$	-	± 0.04	± 0.02
Frequency		F	$45Hz \sim 65Hz$	-	$\pm 0.1Hz$	$\pm 0.1\%$
Required value	Required current	$I_{A\prime}, I_{B\prime}, I_{C\prime}$	$0.2I_n \sim 1.2I_n$	-	-	$\pm 0.5\%$ ($I < 100A$: $\pm 0.5A$)
		I_n		-	-	
	Required power	P	$0.8U_e \sim 1.2U_e$ $0.2I_n \sim 1.2I_n$	-	-	$\pm 1\%$
		Q		-	-	$\pm 2\%$
		S		-	-	$\pm 1\%$

Notes:

1. This smart controller can provide different grades of measurement accuracy according to different applications and user demands.
2. Voltage measurements are based on 380/400/415V system and the voltage measurement ranges can be expanded by setting rated voltages.

Explanations on Earth Fault Protection

Single Phase Earth Fault Protection

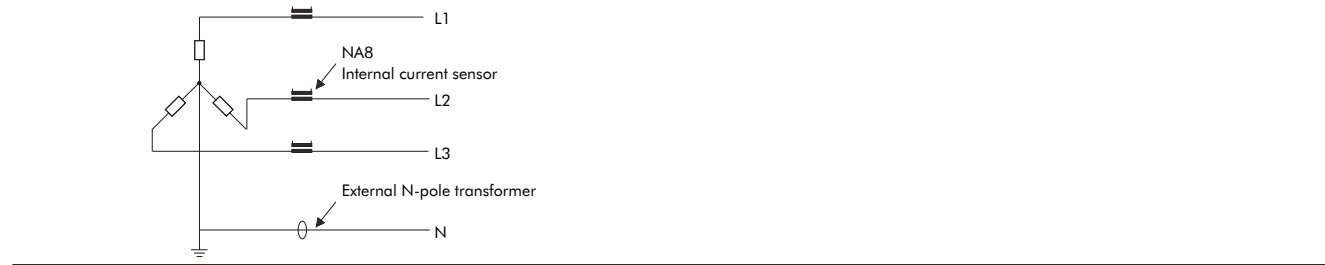
- The three-pole circuit breaker achieves earth fault protection by internally testing whether the sum of the three-phase current vectors is zero, using three current transformers.



- The four-pole circuit breaker achieves earth fault protection by internally testing whether the sum of the three-phase current and the neutral phase current vectors is zero, using four current transformers.

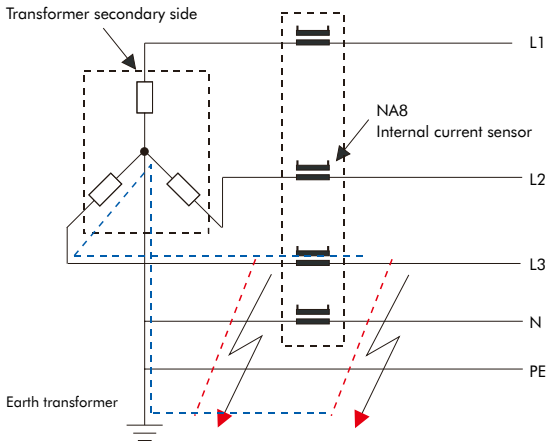


- The 3P+N system achieves earth fault protection by calculating the vector sum using the three-pole circuit breaker and an external N-pole transformer.



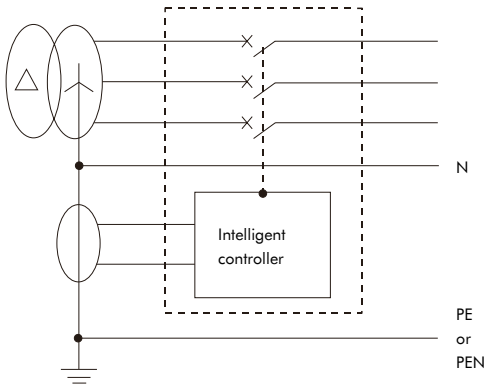
- Notes:
- ① The external N-phase current transformer is special transformer configured by the company, and the default lead wire is 2m long.
- ② For 3PT, earth fault protection is applicable only for balanced loads. For unbalanced loads, this function must either be disabled or the set value adjusted above the permissible unbalanced current to prevent unintended operation of the intelligent controller.
- ③ For (3P+N) T configurations, the maximum distance between the transformer and circuit breaker must not exceed 5 meters. If the transformer lead wire exceeds 2 meters in length, it should be specifically indicated when placing the order.

As shown below, for a load side fault in the NA8 circuit breaker, where the fault current flows through only one phase, the intelligent control unit activates the differential earth protection function if the sum of the three-phase currents detected by four current sensors exceeds the set threshold. This provides earth fault protection specifically tailored for load side faults.

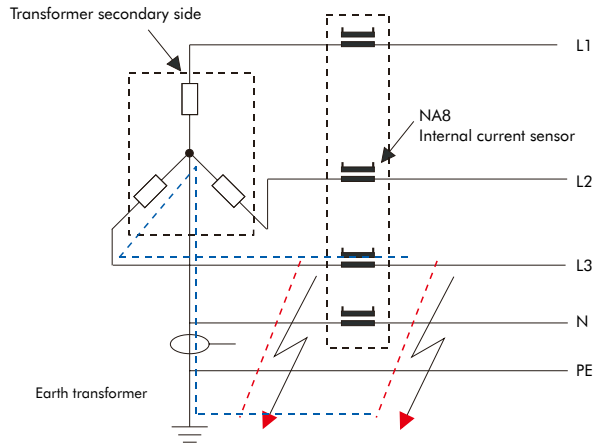


Earth Current Type Earth Fault Protection

The external Ground current transformer, installed at the MV/LV transformer's star earthing point, is used for earth fault protection. It requires the NA8 circuit breaker be equipped with an H type controller (ground current protection transformer should be selected). This setup allows the Ground current transformer to directly measure earth fault currents on both the power supply and load sides of an NA8 circuit breaker.



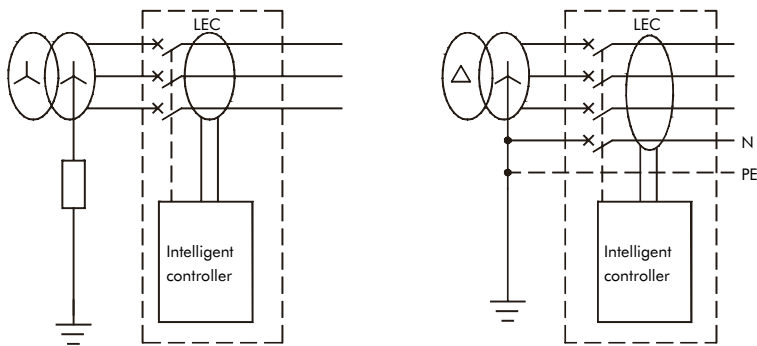
As shown below, through installing the external earth transformer, the earth fault at the power supply side of circuit breaker can be checked, and the earth fault at the load side of NA8 circuit breaker can also be detected.



Residual Current Protection

Ideal for areas with requirements to prevent indirect contact. For the NA8 circuit breaker, select the H type controller and add the leakage protection function and leakage transformer (LEC) accessory to achieve effective leakage protection.

Leakage current I Δ n	[A]0.5-1-2-3-5-7-10-20-30
Tripping time Δ t	[S]0.06-0.17-0.25-0.33-0.42-0.58-0.75-0.83



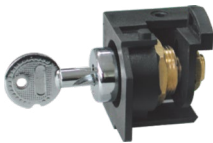
The NA8 circuit breaker with residual current protection and must meet the following requirements:

1. Select the H-type controller;
2. Adding the leakage protection function of the controller;
3. Adding leakage current transformer (LEC) accessories;
4. The outgoing terminal of the circuit breaker is connected vertically;
5. It is available when the rated current of the circuit breaker is $\leq 3200A$,

Accessories

Accessory: Lock

Key Lock KL



There are three types of key locks available (the latter two are used in distribution systems with two incoming cabinets and one coupler cabinet):
one lock one key (1S1S)
two locks one key (2S1S)
three locks two keys (3S2S)

Drawer shutters Padlock



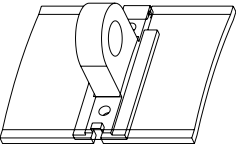
Users must provide their own padlocks.
If a padlock is used, it must ensure that when the circuit breaker is in the disconnected or test position, the isolating contacts cannot be connected to the external live conductors.

Drawer Position Padlock

Users must provide their own padlocks.
When the drawer seat and circuit breaker are locked in the disconnected position using a padlock, the racking access is blocked and the racking handle cannot be inserted, preventing any positional change of the withdrawable breaker body.

Door Interlock

Circuit breaker condition door interlock



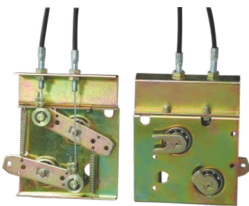
When the circuit breaker is closed, the switchgear door is prevented from opening. When the circuit breaker is open, the switchgear door may be opened.

Circuit breaker position door interlock

When the circuit breaker is at the connection and test position, the switchgear door is prevented from opening. When the circuit breaker is at the disconnected position, the switchgear door may be opened.

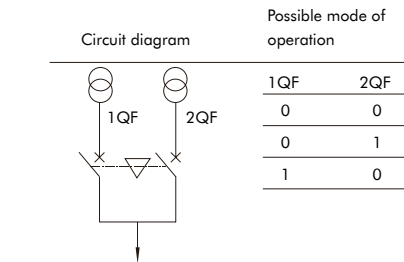
Pushbutton Lock PL

Users must provide their own padlocks.
The pushbutton lock is used to secure the pushbutton that opens and closes the circuit breaker, utilizing a padlock. Once locked, manual opening and closing operations are disabled.



Mechanical Interlock IKL-2 (Wire rope two interlock):

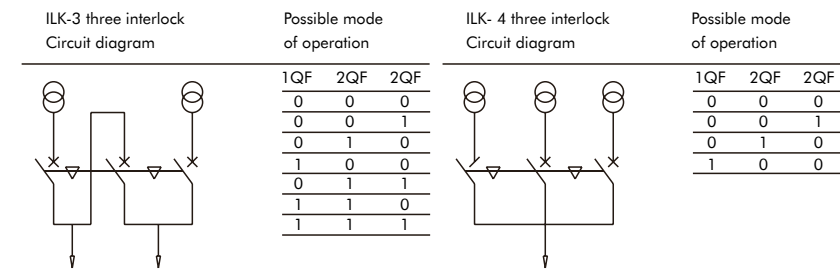
It may realize the interlocking of two horizontal or vertically installed three- or four-pole circuit breakers.



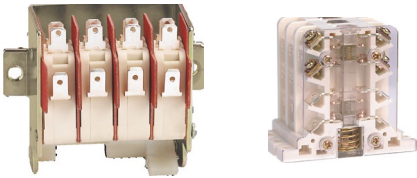
Notes: a. When it needs to bend the wire rope, the transition arc at the bend should be higher than R120mm to ensure it can move flexibly.
b. Check the wire rope and ensure enough lubricating oil in it to ensure its flexible movement.

Mechanical Interlock ILK-3/4 (wire rope three interlock)

It may realize the interlocking of three flat or vertically installed three- or four-pole circuit breakers



Notes: a. When it needs to bend the wire rope, the transition arc at the bend should be higher than R120mm to ensure it can move flexibly.
b . Check the wire rope and ensure enough lubricating oil in it to ensure its flexible movement.



Accessory: Indication Contact

Auxiliary contact OF			
Standard configuration		4CO	6CO (NA8-1600)
Breaking capacity		current (A)/voltage (V)	current (A)/voltage (V)
Utilization category	VAC (AC-15)	1.3/240, 0.75/415	1.3/240, 0.75/415
	VDC (DC-13)	0.55/110, 0.27/220	- -

Drawer seat three-position indication contact CD - CE - CT		
Standard configuration		1CO/3
Breaking capacity		current (A)/voltage (V)
Utilization category	VAC (AC-15)	1.3/240, 0.75/415
	VDC (DC-13)	0.55/110, 0.27/220

Tripping alarm contact		
Standard configuration		1CO
Breaking capacity		current (A)/voltage (V)
Utilization category	VAC (AC-15)	1.3/240, 0.75/415
	VDC (DC-13)	0.55/110, 0.27/220

Spring energy storage indication contact		
Standard configuration		1NO
Breaking capacity		current (A)/voltage (V)
Utilization category	VAC (AC-15)	1.3/240, 0.75/415
	VDC (DC-13)	0.55/110, 0.27/220

Notes: 1) CO is the changeover contact, 1NO 1NC is matched with a common terminal.
2) NO is normally open contact, NC is normally closed contact.



1600 frame MO



2500~7500 frame MO



1600~4000 frame CC and ST



7500 frame CC and ST

Motor-driven mechanism (MO)
It features motorized energy storage charging with automatic recharging after the circuit breaker closes, ensuring immediate reclosure capability. In the absence of auxiliary power supply, the energy storage charging handle serves as a standby option.

Characteristic		
Power supply	VAC 50/60Hz	220/230/240, 380/400/415
	VDC	110, 220
Operating threshold		0.85-1.1Us
Frame: power consumption (VA or W)		1600:75W; 2500:85W; 4000 ~ 7500: 150W
Motor over-current time		≤1min
Energy storage time		≤7s
Operating frequency		≤2times/min

Electric remote operation coil (CC and ST)
Closing electromagnet (CC)
If energy storage of the mechanism is done, CC may fulfill remote closing after being energized.

Characteristic		CC
Power supply	VAC 50/60Hz	220/230/240
	VDC	380/400/415
Operating voltage		220,110
Operating voltage		0.85-1.1Us
Frame: power consumption (VA or W)	AC	400VA
	DC	1600: 380W; 2500~7500: 130W
Circuit breaker response time		30ms-45ms

Shunt release (ST)
After being energized, ST will open the circuit breaker instantaneously.

Characteristic		ST
Power supply	VAC 50/60Hz	220/230/240
	VDC	380/400/415
Operating voltage		220,110
Operating voltage		0.85-1.1Us
Frame: power consumption (VA or W)	AC	400VA
	DC	1600: 380W; 2500~7500: 130W
Circuit breaker response time		20ms-30ms



1600 frame UVT

2500, 4000~7500 frame UVT

Undervoltage release (UVT)

If the supply voltage reduced to a value between 35% and 70% of rated voltage, this tripping coil leads to the instantaneous opening of circuit breaker. If the UVT tripping coil is not energized, the circuit breaker cannot be closed, manually (closing button) or electrically (closed electromagnet). Only when the supply voltage of UVT tripping coil reaches 85% of rated voltage, the circuit breaker can be closed.

Characteristic			
Power supply	VAC 50/60Hz		220/230/240, 380/400/415
	VDC		-
Operating threshold	Opening	0.35-0.7Ue	0.35-0.7Ue
	Closing	0.85Ue	0.85-1.1Ue
Frame: power consumption (W)			1600: 220W/15W; 2500、4000~7500: 220W/13W

Note: attracting/holding.

Undervoltage time delay release (UVTD)

To prevent the false tripping circuit breaker resulting from short time voltage drop, it requires UVT operating time delay. A time delay unit is added besides UVT to realize this function.

Characteristic		
Power supply	VAC 50/60Hz	
Operating threshold	Opening	0.35-0.7Ue
	Closing	0.85Ue
Frame: power consumption (VA)	1600: 20VA; 2500~7500: 48VA	
Adjustable time	1s~5s, the time delay can be selected and adjustable.	

Note: Only NA8 - 1600 uses the external undervoltage time delay module, and 2500、4000~7500 product undervoltage time delay release has built-in undervoltage time delay unit.

Capacity Derating and Power Loss

Derating Under different temperature

NA8-1600

Ambient temperature	200A		400A		630A		800A		1000A		1250A		1600A	
Connection mode	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical
40°	-	-	-	-	-	-	-	-	-	-	-	-	--	-
45°	-	-	-	-	-	-	-	-	-	-	-	-	1550	-
50°	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55°	-	-	-	-	-	-	-	-	950	950	1150	1200	1390	1450
60°	-	-	-	-	580	580	700	700	900	900	1050	1100	1320	1370

NA8-2500

Ambient temperature	630A		800A		1000A		1250A		1600A		2000A		2500A	
Connection mode	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical
40°	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45°	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50°	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55°	-	-	-	-	-	-	-	-	1500	1520	1850	1850	2420	2450
60°	-	-	-	-	-	-	-	-	1400	1420	1720	1750	2290	2320

NA8-3200

Ambient temperature	1600A		2000A		2500A		3200A	
Connection mode	Horizontal		Vertical		Horizontal		Vertical	
40°	-		-		-		-	
45°	-		-		-		-	
50°	-		-		-		-	
55°	-		-		2450		-	
60°	-		-		2350		2400	

NA8-4000

Ambient temperature	1600A		2000A		2500A		3200A		4000A	
Connection mode	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical
40°	-	-	-	-	-	-	-	-	-	-
45°	-	-	-	-	-	-	-	-	3800	3850
50°	-	-	-	-	-	-	-	-	-	-
55°	-	-	-	-	2450	-	3000	3050	3400	3450
60°	-	-	1900	1950	2350	2400	2900	2950	3200	3250

NA8-7500

Ambient temperature	4000A		5000A		6300A		7500A	
Connection mode	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical
40°	-	-	-	-	/	-	/	-
45°	-	-	-	-	/	6100	/	7000
50°	-	-	-	-	/	-	/	-
55°	3900	3900	4600	4650	/	5500	/	6050
60°	3800	3800	4400	4500	/	5200	/	5650

Note: “-” represents no derating; “/” means no horizontal connection.

Altitude Capacity Derating Factor

Voltage performance corrections under different altitudes

Altitude (m)		2000	3000	4000	5000
Rate impulse withstand voltage (kV)	Uimp	12	11	10	8
Insulation class (V)	Ui	1000	900	800	700
Power frequency withstand voltage (V)		3500	3100	2500	2200
Maximum operating voltage (V)	Ue	690	580	520	460
		1150	900	800	700

Current performance corrections under different altitudes

Altitude (m)	Rated operating current (Ie)
2000	1.0Ie
2500	0.96Ie
3000	0.93Ie
3500	0.89Ie
4000	0.85Ie
4500	0.82Ie
5000	Must confirm with manufacturer

Note: If the ambient temperature is lower than 40 °C , Ie = In ; if the ambient temperature is higher than 40 °C , derating use must be done in strict accordance with the requirement of operation manual; in such case, Ie ≠ In , Ie and In can be looked up according to the temperature derating table.

Power loss

Power loss is the power consumption measured at In, 50/60 Hz.

Frame	Rated current (A)	Power loss of draw-out type (W)	Power loss of fixed type (W)
1600A	200	115	45
	400	140	80
	630	161	100
	800	215	110
	1000	230	120
	1250	250	130
	1600	460	220
2500A	630	58.6	26.4
	800	73.7	36.6
	1000	172	78
	1250	268	122
	1600	440	200
	2000	530	262
3200A	2500	600	312
	1600	390	170
	2000	470	250
	2500	550	280
	3200	670	420
4000A	1600	390	170
	2000	470	250
	2500	550	280
	3200	670	420
	4000	1047	656
7500A	4000	550	-
	5000	590	-
	6300	950	-
	7500	1500	-

Dimension Of Busbar

Bolt Configuration and Mounting Torque

Bolt type	Application	Preferred tightening torque
M3	Fasten the secondary connecting conductor	(0.5~0.7) N·m
M8 (with flat washer only)	Fasten the product on the switchgear (1600A frame)	(18~25) N·m
M10 (with flat washer only)	Fasten the product on the switchgear (2500A and above frame)	(25~40) N·m
M10	Fasten the busbar	(36~52) N·m

Connection Busbar Specification Reference under Different Temperatures

Permissible maximum busbar temperature: 100°C

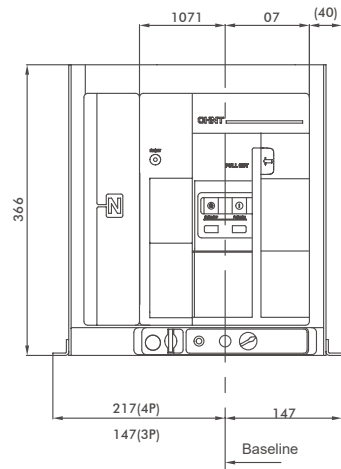
The busbar material is bare copper, and the unit of width and thickness is both mm.

Frame current	Rated current (A)	Ambient temperature (-5~40) °C				Ambient temperature 50°C				Ambient temperature 60°C			
		Recommended busbar specification				Recommended busbar specification				Recommended busbar specification			
		Width	Thickness	Number of panels	Specification	Width	Thickness	Number of panels	Specification	Width	Thickness	Number of panels	Specification
1600A	200	30	5	1	30*5*1	30	5	1	30*5*1	40	5	1	40*5*1
	400	30	5	2	30*5*2	30	5	2	30*5*2	30	10	1	30*10*1
	630	40	5	2	40*5*2	40	5	2	40*5*2	50	5	2	50*5*2
	800	50	5	2	50*5*2	50	5	2	50*5*2	50	6	2	50*6*2
	1000	50	5	3	50*5*3	50	5	3	50*5*3	50	6	3	50*6*3
2500A	1250	60	8	2	60*8*2	60	8	2	60*8*2	60	10	2	60*10*2
	1600	60	10	2	60*10*2	60	10	2	60*10*2	60	10	3	60*10*3
	630	40	5	2	40*5*2	50	5	2	50*5*2	50	5	2	50*5*2
	800	50	5	2	50*5*2	50	5	2	50*5*2	60	5	2	60*5*2
	1000	50	5	3	50*5*3	50	5	3	50*5*3	60	5	3	60*5*3
	1250	60	8	2	60*8*2	60	8	2	60*8*2	60	8	3	60*8*3
	1600	60	10	2	60*10*2	60	10	2	60*10*2	60	10	3	60*10*3
3200A	2000	100	5	3	100*5*3	100	5	3	100*5*3	100	5	4	100*5*4
	2500	100	10	2	100*10*2	100	10	2	100*10*2	80	10	3	80*10*3
	1600	80	6	2	80*6*2	80	5	3	80*5*3	80	6	3	80*6*3
	2500	80	10	2	80*10*2	80	10	2	80*10*2	100	10	2	100*10*2
	3200	100	10	2	100*10*2	100	10	2	100*10*2	100	10	3	100*10*3
4000A	4000	100	10	4	100*10*4	100	10	4	100*10*4	100	10	5	100*10*5
	1600	80	6	2	80*6*2	80	5	3	80*5*3	80	6	3	80*6*3
	2000	80	10	2	80*10*2	80	10	2	80*10*2	100	10	2	100*10*2
	2500	100	10	2	100*10*2	100	10	2	100*10*2	100	10	3	100*10*3
	3200	100	10	4	100*10*4	100	10	4	100*10*4	100	10	5	100*10*5
7500A	4000	100	10	5	100*10*5	100	10	5	100*10*5	120	10	5	120*10*5
	4000	100	10	5	100*10*5	100	10	5	100*10*5	100	10	6	100*10*5
	5000	100	10	7	100*10*7	100	10	7	100*10*7	120	10	7	120*10*7
	6300	120	10	7	120*10*7	120	10	7	120*10*7	120	10	8	120*10*8
	7500	120	10	9	120*10*9	120	10	9	120*10*9	120	10	10	120*10*10

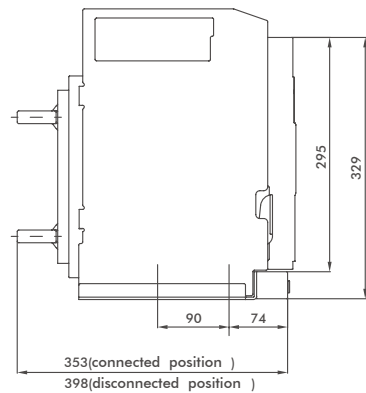
- Notes: a. When the copper busbar selected by the user is not matched with the circuit breaker connection terminal, it needs to design and process the extension busbar for connection. The extension busbar will be designed by the user; its section area cannot be less than the above requirement, and the clearance between extension busbars cannot be less than that between the circuit breaker connection terminals.
- b. After installing the above recommended busbar, it shall ensure the electric clearance between adjacent phases of the circuit breakers is not less than 18mm.
- c. For electric components using thyristor for three-phase rectification and high-frequency inversion in the load devices, like high-frequency induction heating electric furnace (intermediate frequency furnace steel facility), solid state high frequency welder (such as submerged arc welder), vacuum heating melting facility (like single crystal growing furnace) , upon selecting the circuit breaker, it should take into account not only the impact of ambient temperature and altitude, but also the impact of higher harmonic generated by thyristor on the circuit breaker; in such case, it must be used by derating, and the recommended derating factor is [0.5~0.8].
- d. After the user installs the busbar, the electric clearance between upper and lower busbar fastening bolts should not be less than 20 mm.
- e. After the circuit breaker is installed, the safe spacing between different potential electrified bodies and between the electrified body and ground should be not less than 18mm.

Overall and installation dimensions

Front view

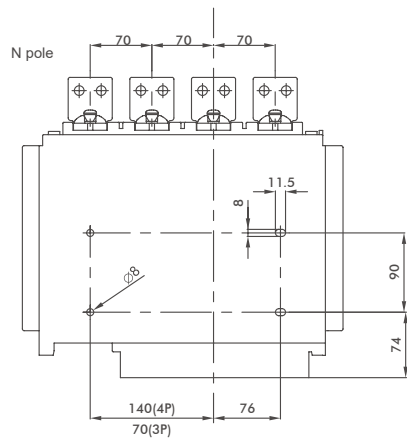


Side view

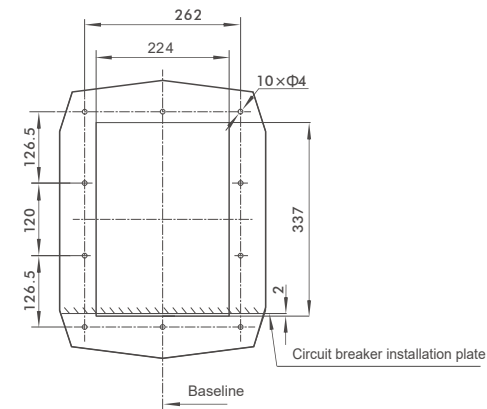


Overall dimension of NA8-1600 withdrawable type

Hole size of the base

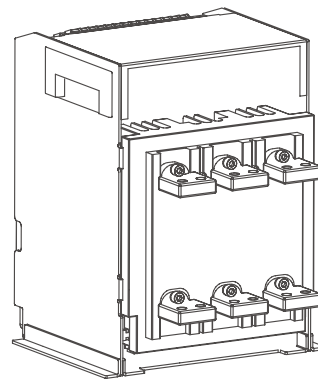


Hole size of the panel



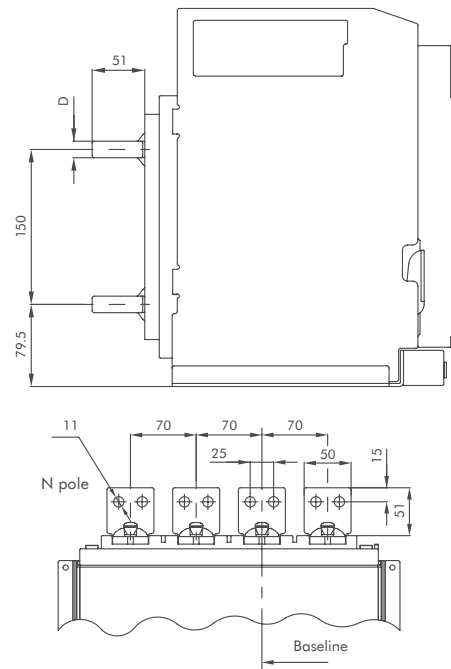
Perforating size of NA8-1600 withdrawable type

Side view



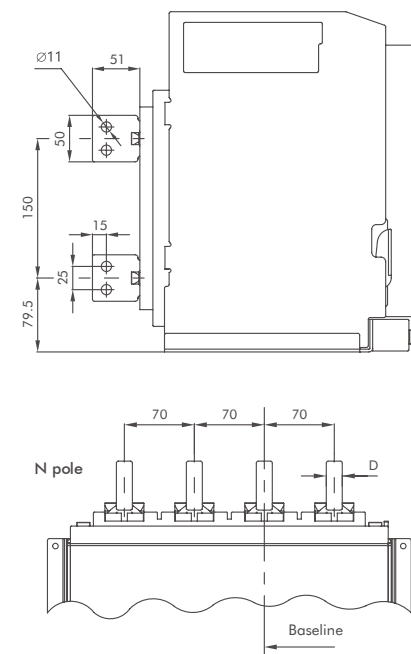
In(A)	D(mm)
200~630	5
800~1000	10
1250~1600	16

Busbar installation dimensions



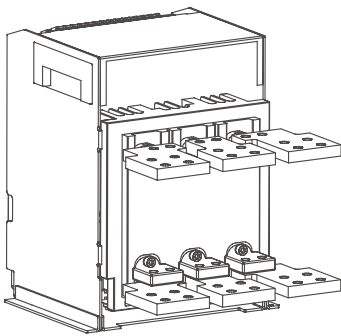
Horizontal busbar connection of NA8-1600 withdrawable type

Busbar installation dimensions

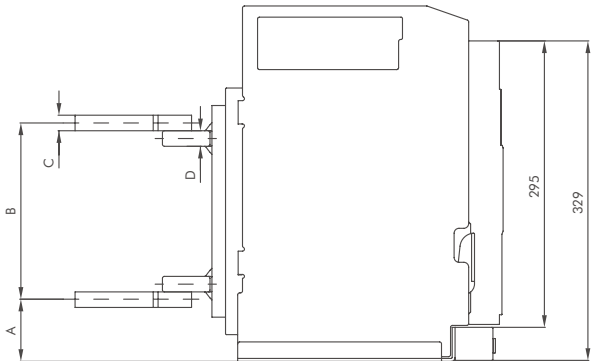


Vertical busbar connection of NA8-1600 withdrawable type

Side view



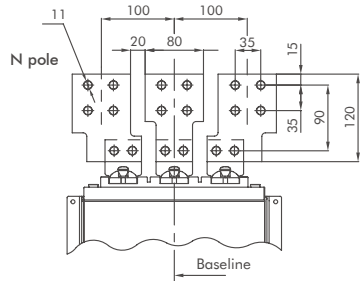
Busbar installation dimensions



Unit: mm

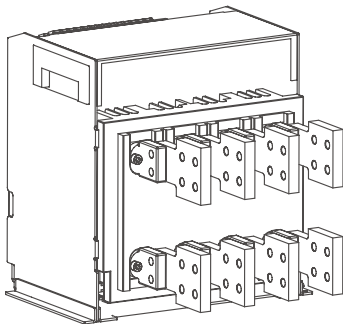
In(A)	A(mm)	B(mm)	C(mm)	D(mm)
200~630	74.5	160.5	5	5
800~1000	68.5	170	10	10
1250~1600	63	181	15	16

Note: The extended bus is an optional accessory, which will be charged separately.

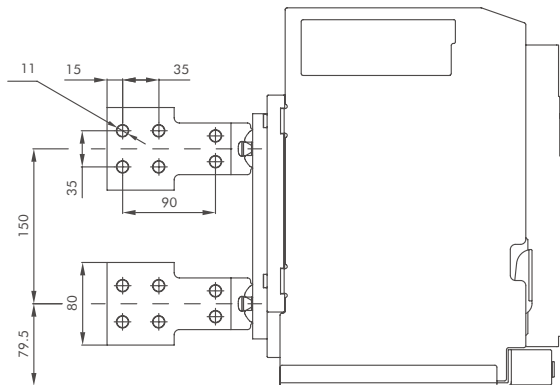


3 poles extended bus horizontal connection of NA8-1600 withdrawable type

Side view



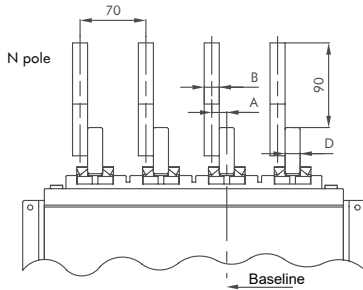
Busbar installation dimensions



Unit: mm

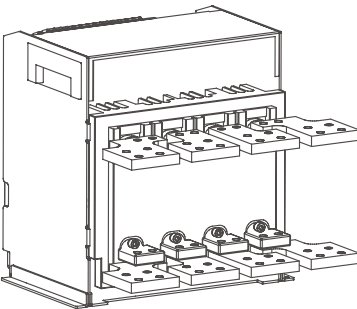
In(A)	A(mm)	B(mm)	D(mm)
200~630	5	5	5
800~1000	10	10	10
1250~1600	15	15.5	16

Note: The extension busbar is of optional accessory, requiring additional expense.

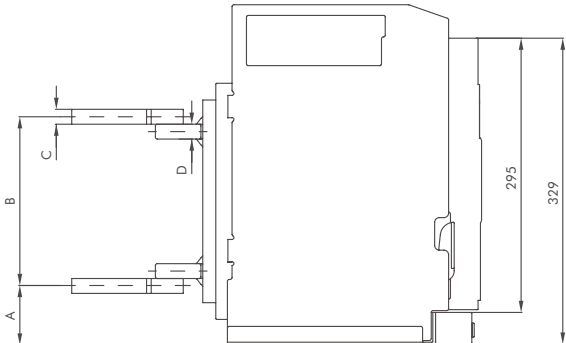


Extended bus vertical connection of NA8-1600 withdrawable type

Side view



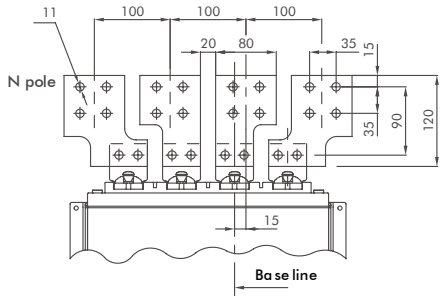
Busbar installation dimensions



Unit: mm

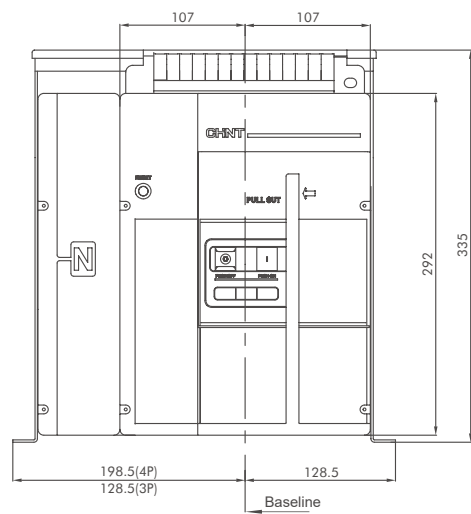
In(A)	A(mm)	B(mm)	C(mm)	D(mm)
200~630	74.5	160.5	5	5
800~1000	69.5	170.5	10	10
1250~1600	64	181.5	15	16

Note: The extended bus is an optional accessory, which will be charged separately.

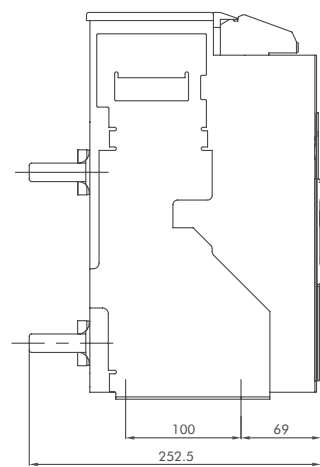


4 poles horizontal extended bus connection of NA8-1600 withdrawable type

Front view

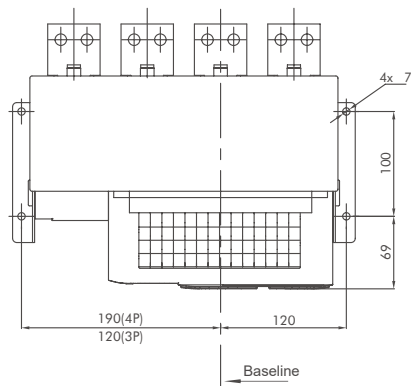


Side view

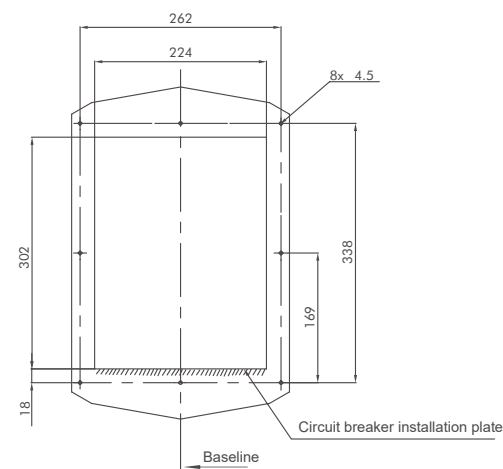


Overall dimensions of NA8-1600 fixed type

Hole size of the base

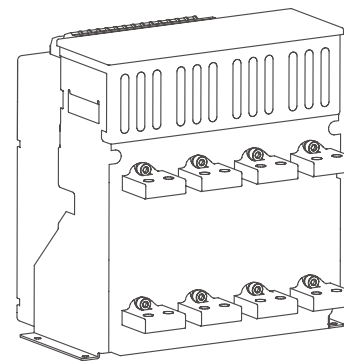


Hole size of the panel



Perforating size of NA8-1600 fixed type

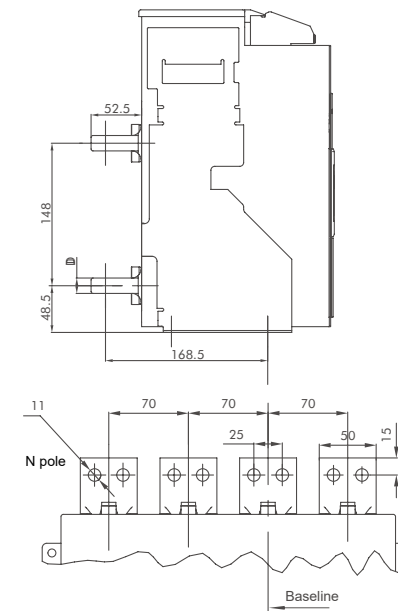
Side view



In(A)	D(mm)
200~630	5
800~1000	10
1250~1600	16

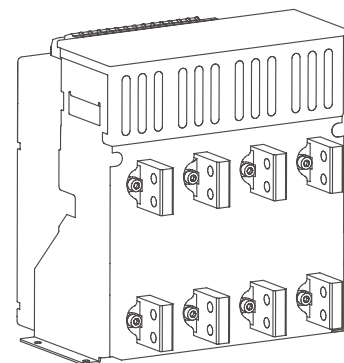
Note: If the user intends to change horizontal connection into vertical connection at site, it only needs to rotate the busbar by 90°.

Busbar installation dimensions



Busbar horizontal connection of NA8-1600 fixed type

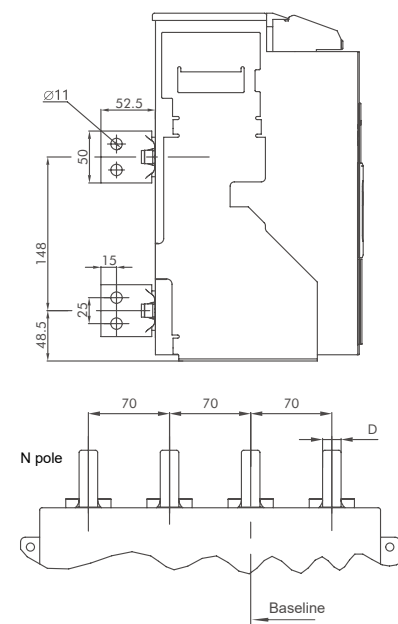
Side view



In(A)	D(mm)
200~630	5
800~1000	10
1250~1600	16

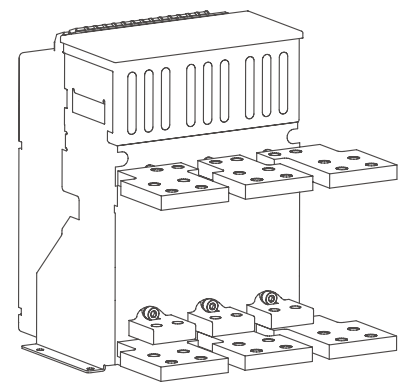
Note: User only needs to rotate the bus 90° to change vertical connection to horizontal connection.

Busbar installation dimensions



Vertical busbar connection of NA8-1600 fixed type

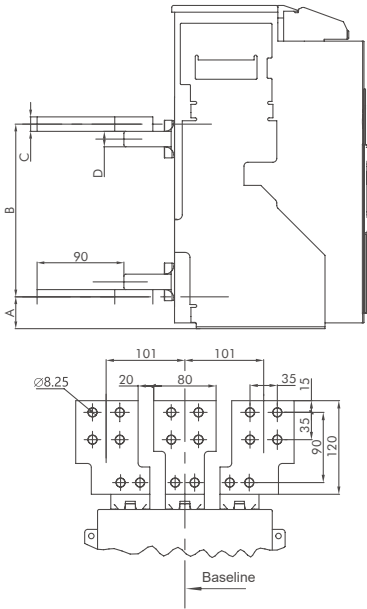
Side view



In(A)	D(mm)
200~630	5
800~1000	10
1250~1600	16

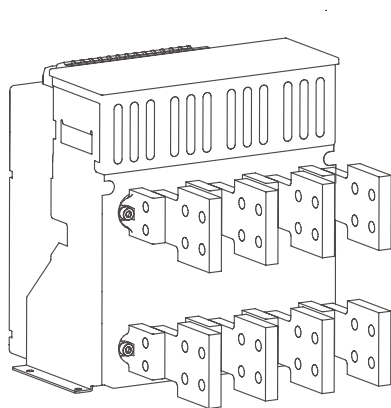
Note: The extended bus is an optional accessory, which will be charged separately.

Busbar installation dimensions



3 poles horizontal extended busbar connection of NA8-1600 fixed type

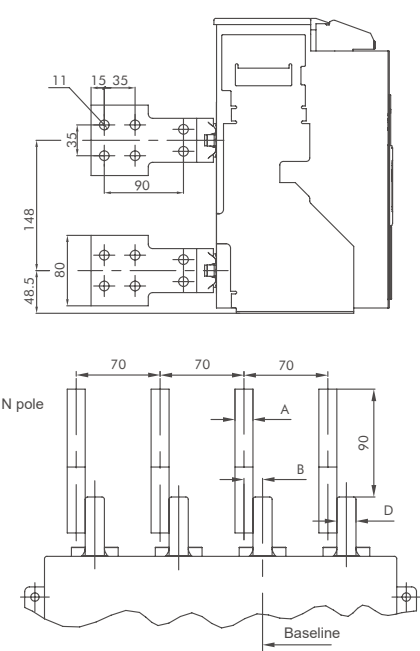
Side view



In(A)	A(mm)	B(mm)	D(mm)
200~630	10	7.5	5
800~1000	10	10	10
1250~1600	15	15.5	16

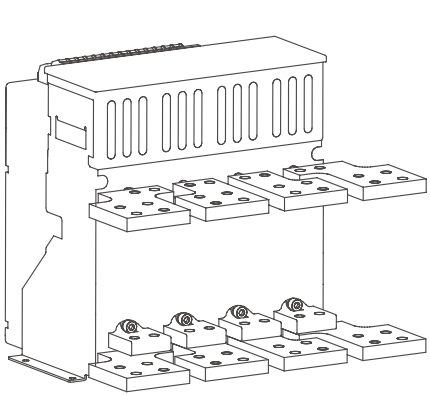
Note: The extended bus is an optional accessory, which will be charged separately.

Busbar installation dimensions



Vertical extended busbar connection of NA8-1600 fixed type

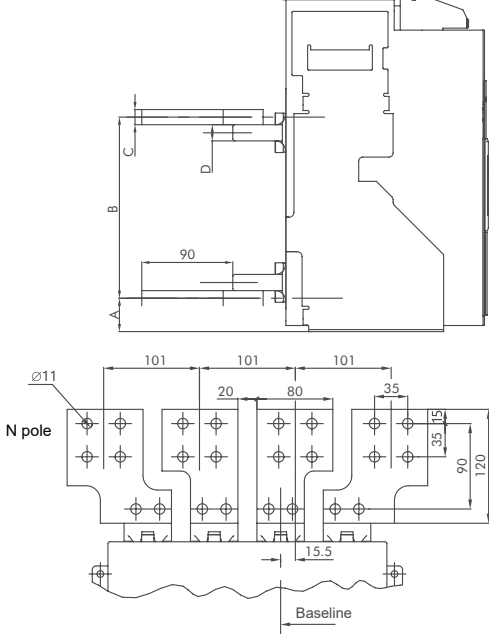
Side view



In(A)	A(mm)	B(mm)	C(mm)	D(mm)
200~630	41	163	10	5
800~1000	38.5	168	10	10
1250~1600	33	179	15	16

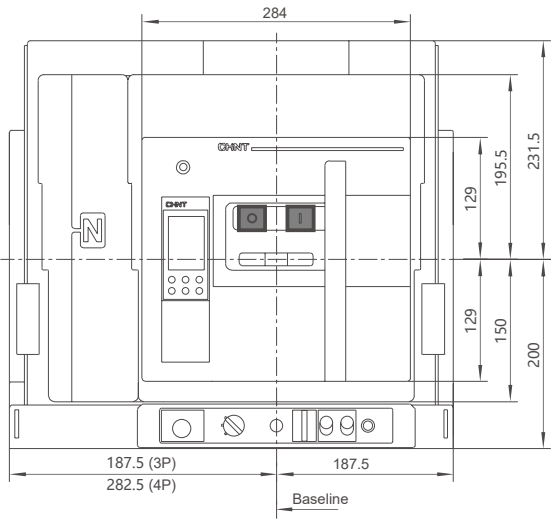
Note: The extended bus is an optional accessory, which will be charged separately.

Busbar installation dimensions

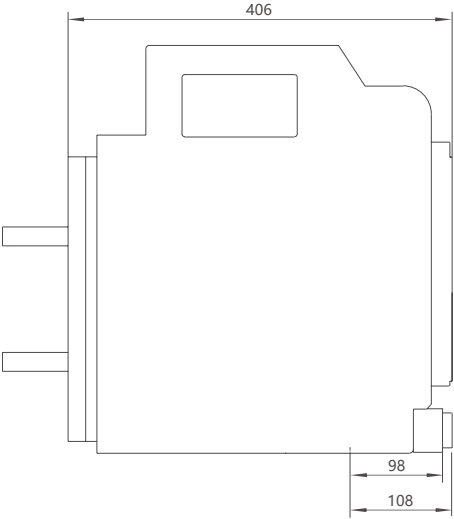


4poles horizontal extended busbar connection of NA8-1600 fixed type

Front view

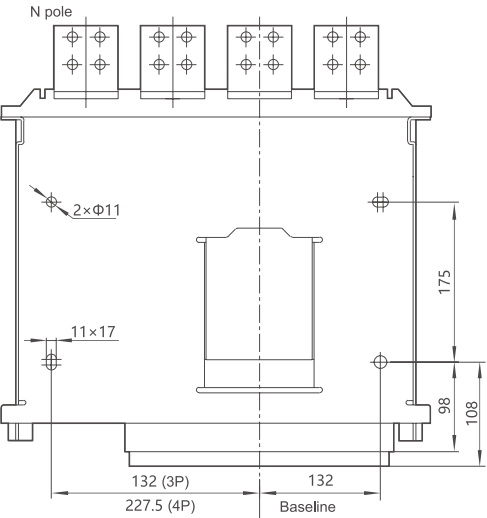


Side view

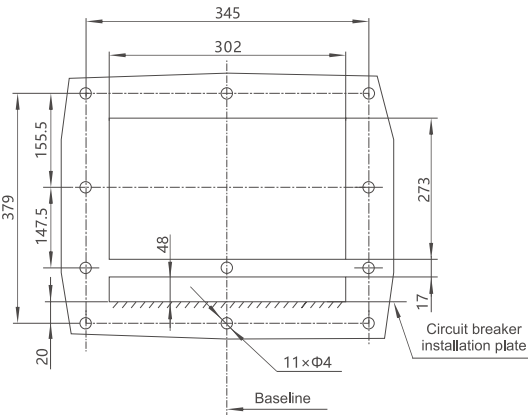


Overall dimensions of NA8-2500 withdrawable type

Hole size of the base

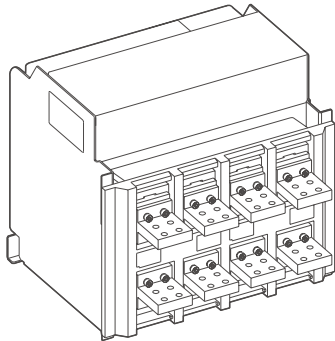


Hole size of the panel



Perforating size of NA8-2500 withdrawable type

Side view

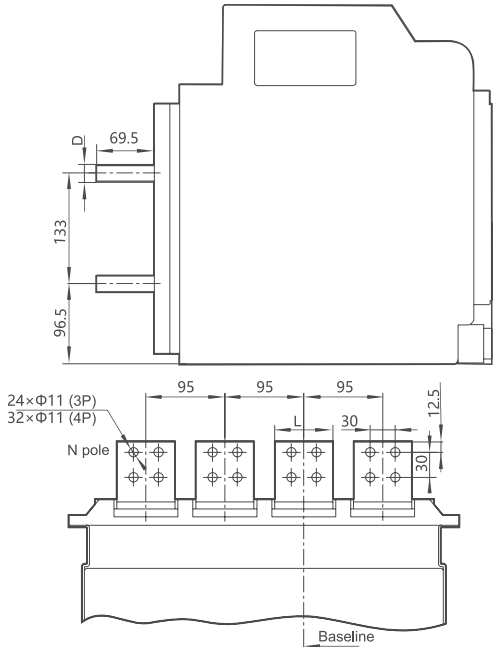


Unit: mm

In(A)	D	L
630~1600	15	60
2000~2500	20	70

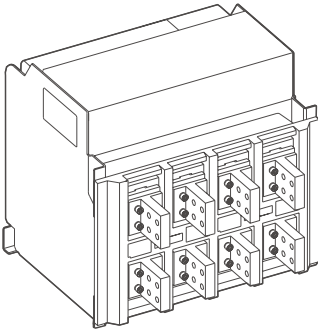
Note: User only needs to rotate the bus 90°to change horizontal connection to vertical connection.

Busbar installation dimensions



Horizontal busbar connection of NA8-2500 withdrawable type

Side view

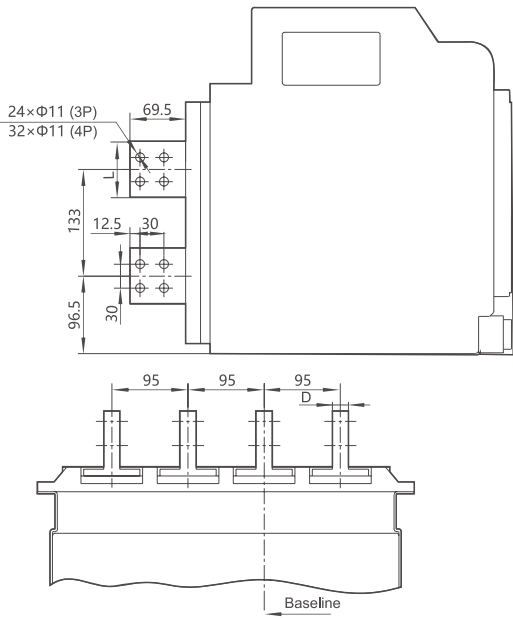


Unit: mm

In(A)	D	L
630~1600	15	60
2000~2500	20	70

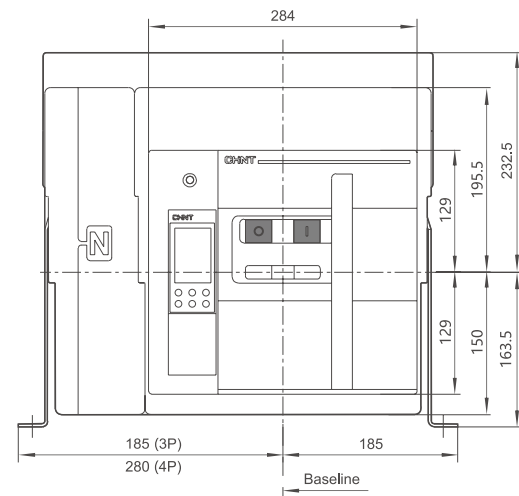
Note: User only needs to rotate the bus 90°to change horizontal connection to vertical connection.

Busbar installation dimensions

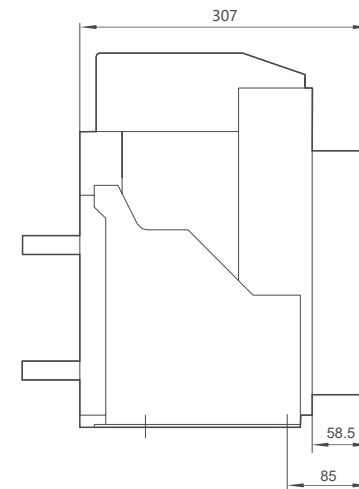


Vertical busbar connection of NA8-2500 withdrawable type

Front view

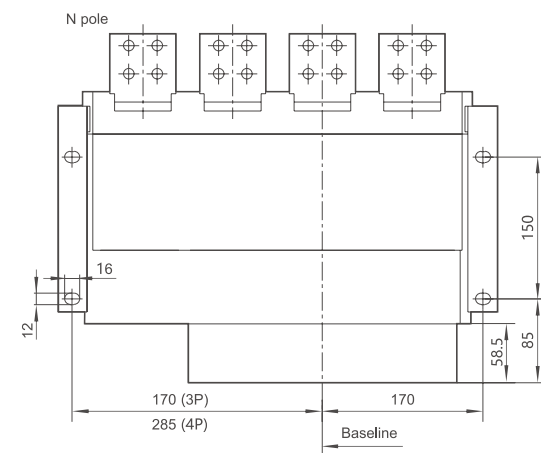


Side view

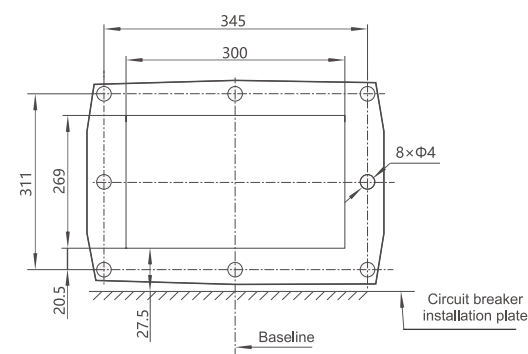


Overall dimensions of NA8-2500 fixed type

Hole size of the base

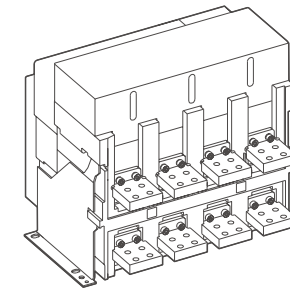


Hole size of the panel



Perforating size of NA8-2500 fixed type

Side view

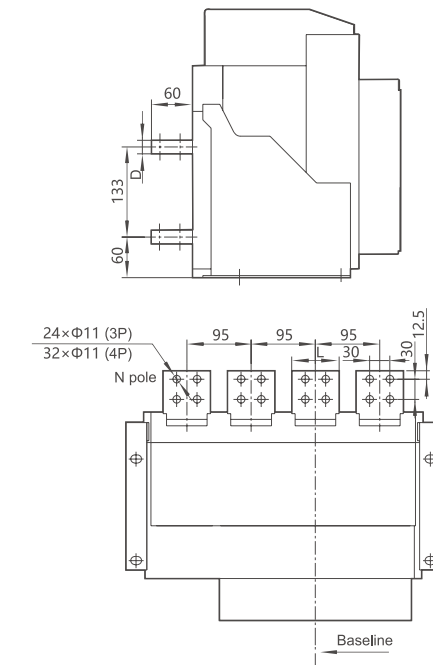


Unit: mm

In(A)	D	L
630~1600	15	60
2000~2500	20	70

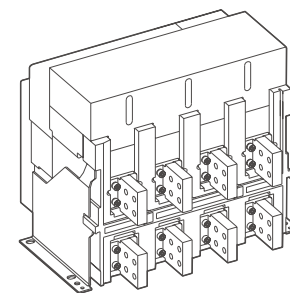
Note: User only needs to rotate the bus 90° to change horizontal connection to vertical connection.

Busbar installation dimensions



Horizontal busbar connection of NA8-2500 fixed type

Side view

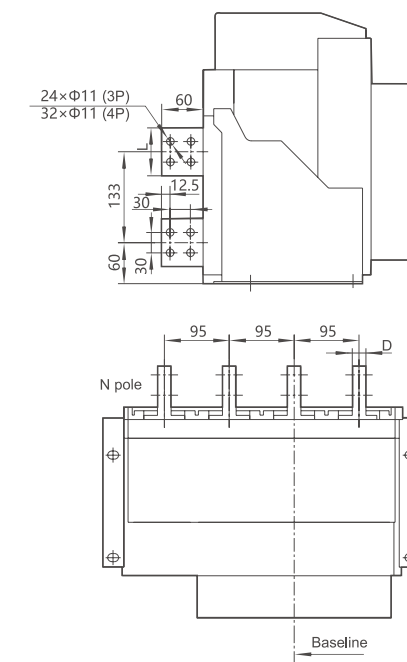


Unit: mm

In(A)	D	L
630~1600	15	60
2000~2500	20	70

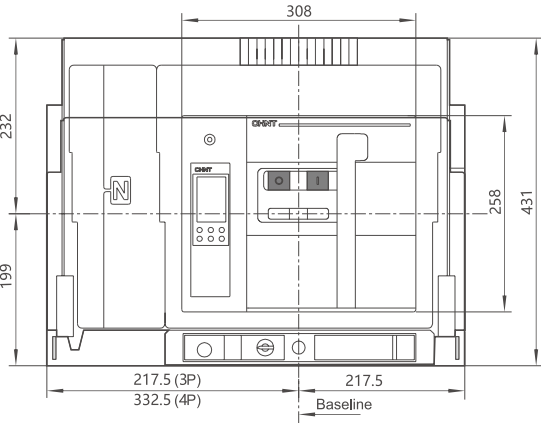
Note: User only needs to rotate the bus 90° to change vertical connection to horizontal connection.

Busbar mounting dimensions

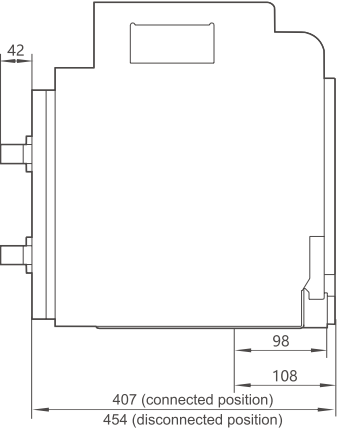


Vertical busbar connection of NA8-2500 fixed type

Front view

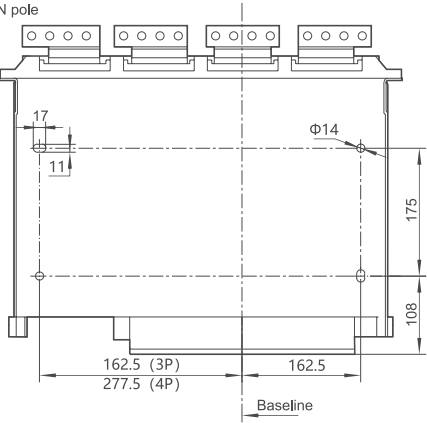


Side view

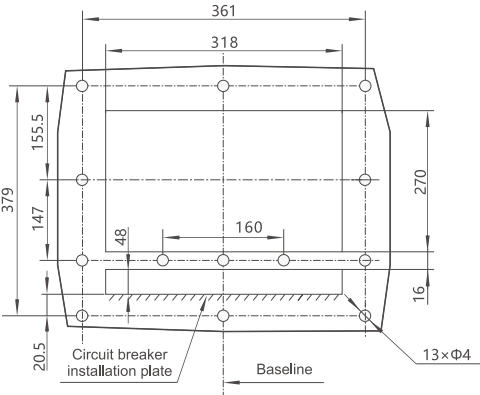


Overall dimensions of NA8-3200 withdrawable type

Hole size of the base

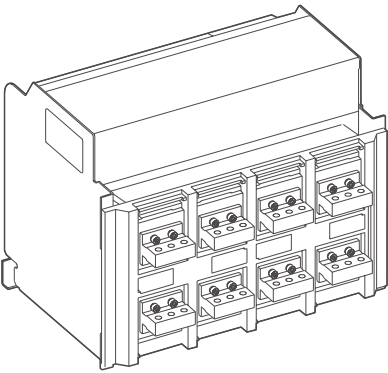


Hole size of the panel



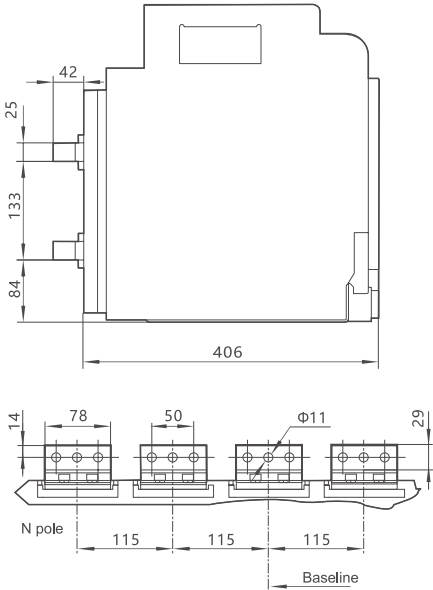
Perforating size of NA8-3200 withdrawable type

Side view



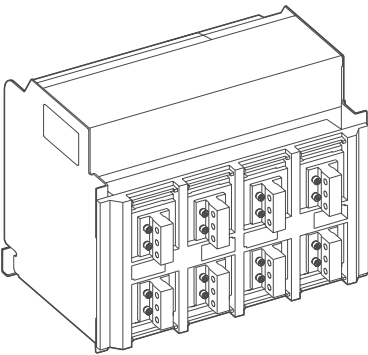
Note: User only needs to rotate the bus 90°to change horizontal connection to vertical connection.

Busbar installation dimensions



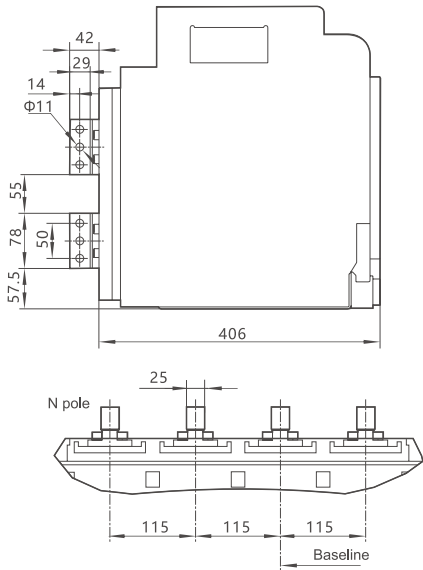
Horizontal busbar connection of NA8-3200 withdrawable type(In=1600A~2500A)

Side view



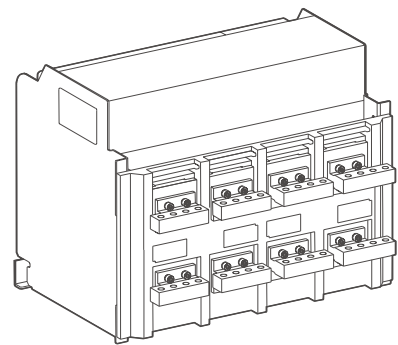
Note: User only needs to rotate the bus 90° to change vertical connection to horizontal connection.

Busbar installation dimensions

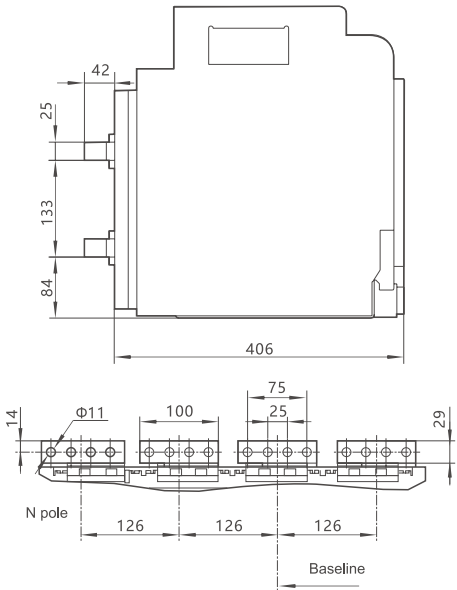


Vertical busbar connection of NA8-3200 withdrawable type(In=1600A~2500A)

Side view



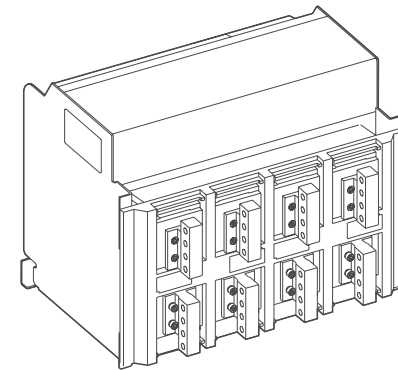
Busbar installation dimensions



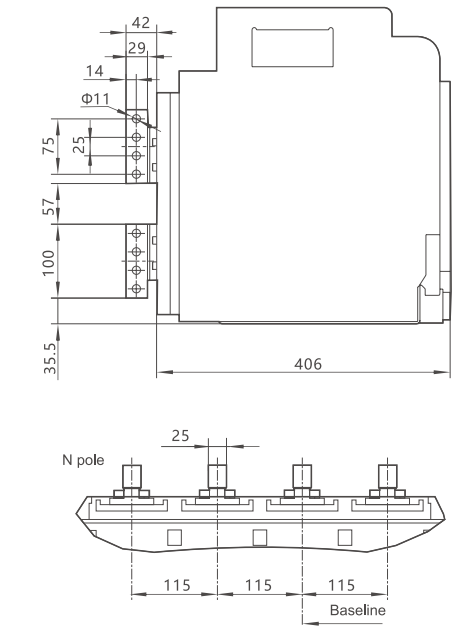
Note: To change horizontal connection to vertical connection, user needs to change the upper and lower buses of phase N and phase B to the same as those of phase A and phase C.

Horizontal busbar connection of NA8-3200 withdrawable type(In=3200A)

Side view



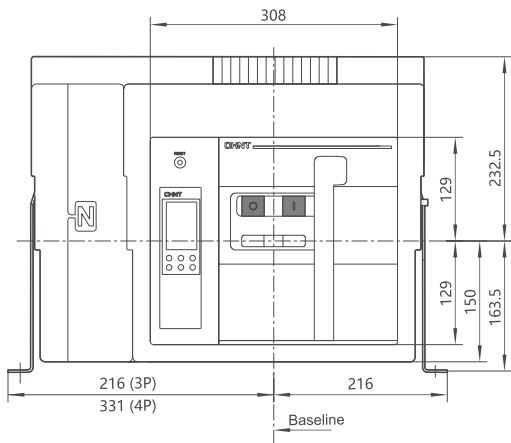
Busbar installation dimensions



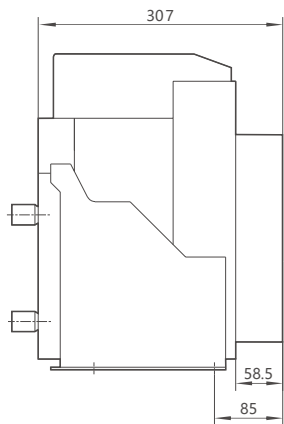
Note: To change vertical connection to horizontal connection, user needs to change the upper and lower buses of phase N and phase B to the same as those of phase A and phase C.

Vertical busbar connection of NA8-3200 withdrawable type(In=3200A)

Front view

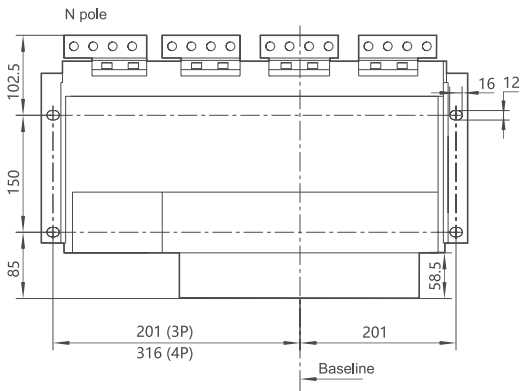


Side view

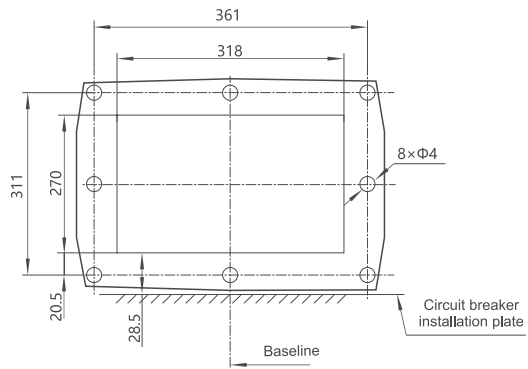


Overall dimensions of NA8-3200 fixed type

Hole size of the base

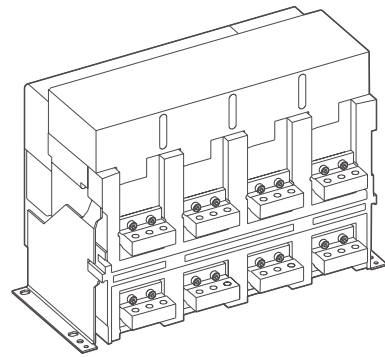


Hole size of the panel



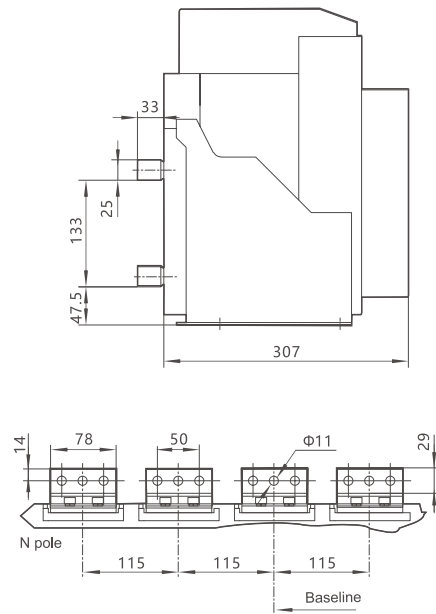
Perforating size of NA8-3200 fixed type

Side view



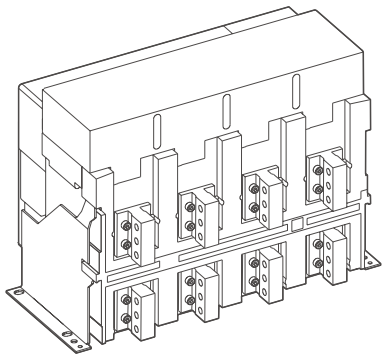
Note: User only needs to rotate the bus 90° to change horizontal connection to vertical connection.

Busbar installation dimensions



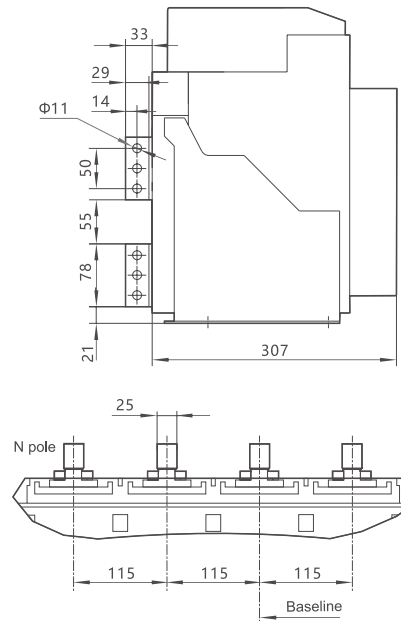
Horizontal busbar connection of NA8-3200 fixed type (In=1600A~2500A)

Side view



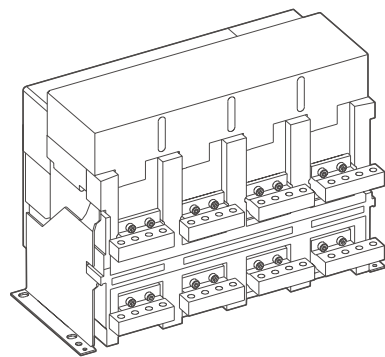
Note: User only needs to rotate the bus 90° to change vertical connection to horizontal connection.

Busbar installation dimensions



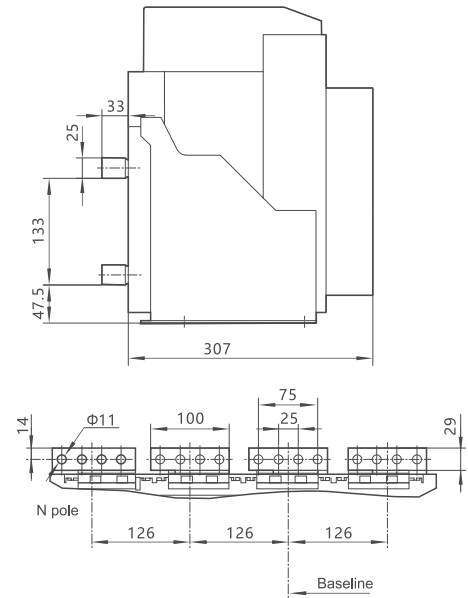
Vertical busbar connection of NA8-3200 fixed type (In=1600A~2500A)

Side view



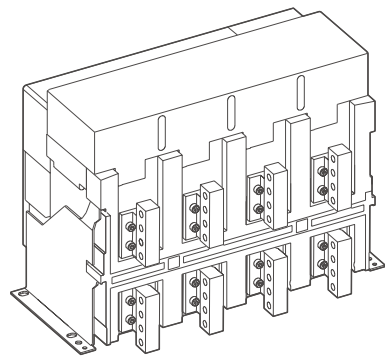
Note: To change horizontal connection to vertical connection, user needs to change the upper and lower buses of phase N and phase B to the same as those of phase A and phase C.

Busbar installation dimensions



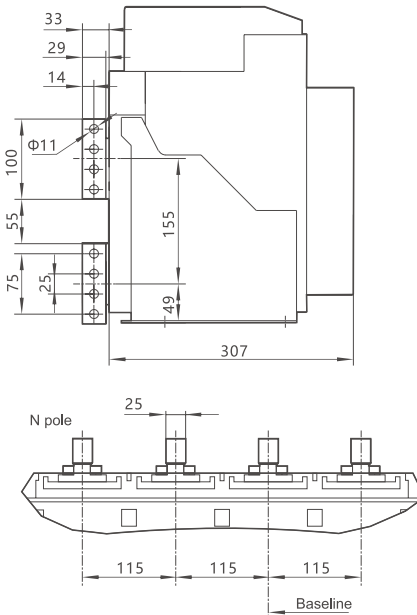
Horizontal busbar connection of NA8-3200 fixed type (In=3200A)

Side view



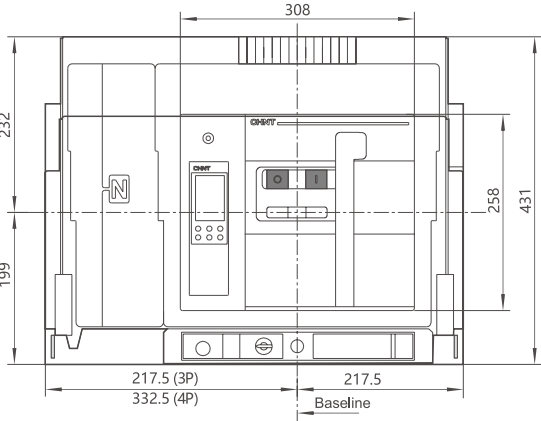
Note: To change vertical connection to horizontal connection, user needs to change the upper and lower buses of phase N and phase B to the same as those of phase A and phase C.

Hole size of the panel

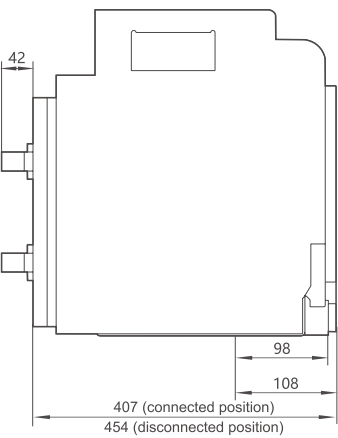


Vertical busbar connection of NA8-3200 fixed type (In=3200A)

Front view

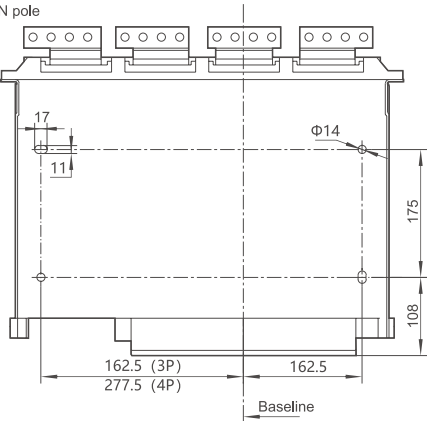


Side view

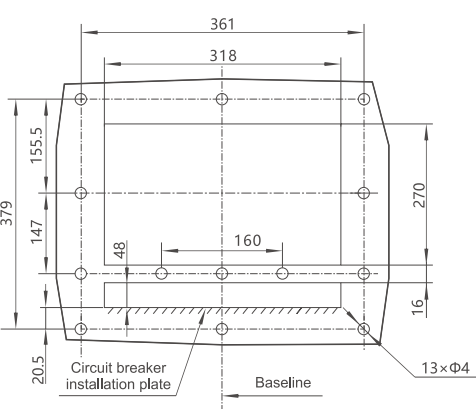


Overall dimensions of NA8-4000 withdrawable type

Hole size of the base

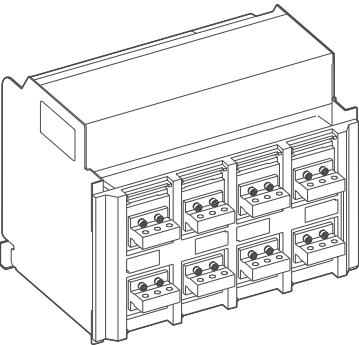


Hole size of the panel



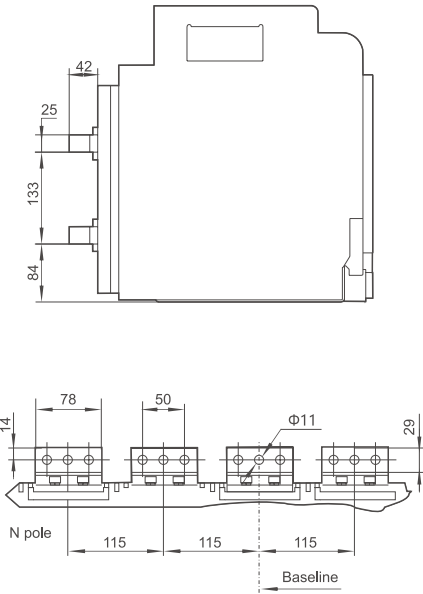
Perforating size of NA8-4000 withdrawable type

Side view



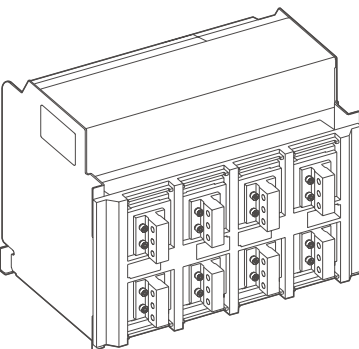
Note: User only needs to rotate the bus 90°to change horizontal connection to vertical connection.

Busbar installation dimensions



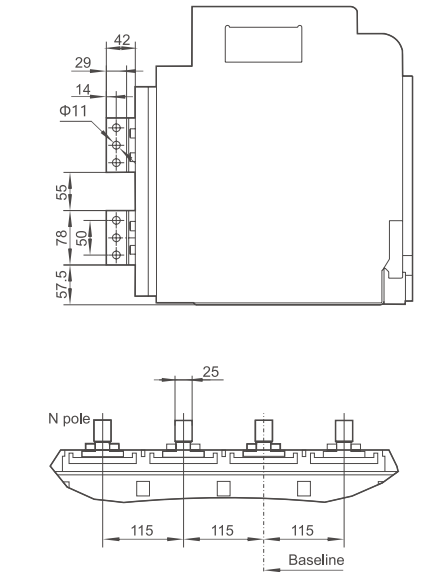
Horizontal busbar connection of NA8-4000 withdrawable type(In=1600A~2500A)

Side view



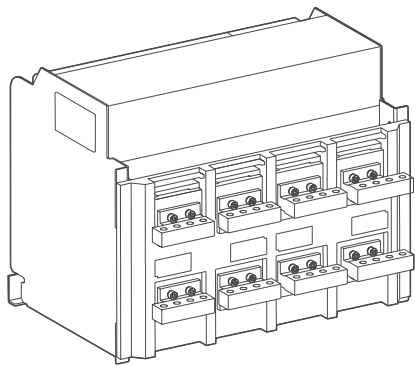
Note: User only needs to rotate the bus 90°to change vertical connection to horizontal connection.

Busbar installation dimensions

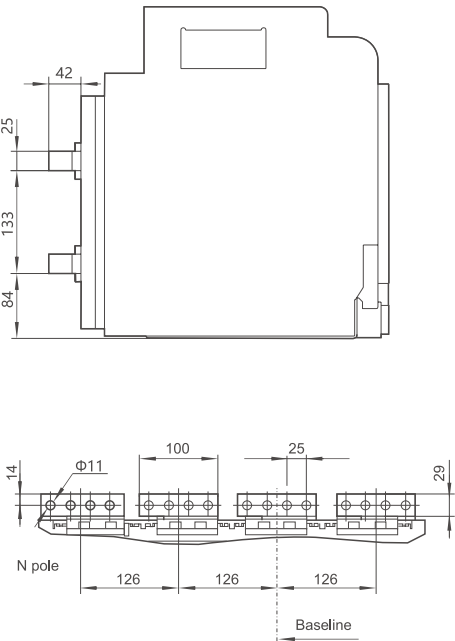


Vertical busbar connection of NA8-4000 withdrawable type(In=1600A~2500A)

Side view



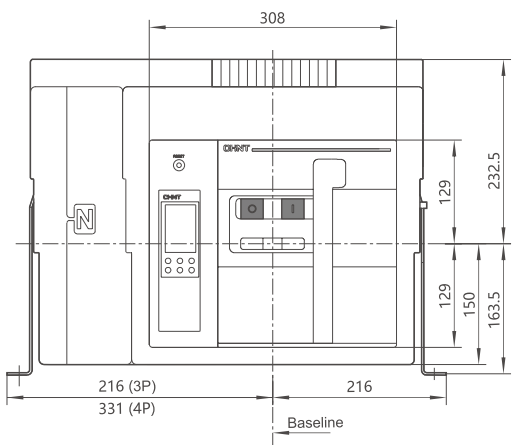
Busbar installation dimensions



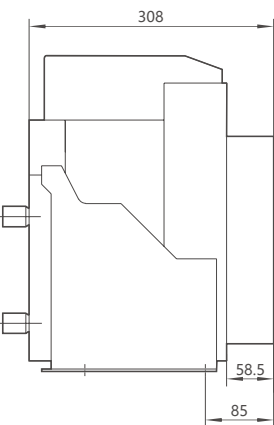
Note: To change horizontal connection to vertical connection, user needs to change the upper and lower buses of phase N and phase B to the same as those of phase A and phase C.

Horizontal busbar connection of NA8-4000 withdrawable type (In=3200A~4000A)

Front view

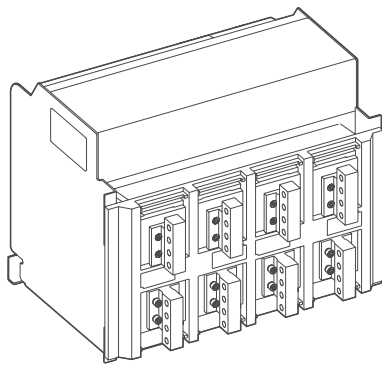


Side view

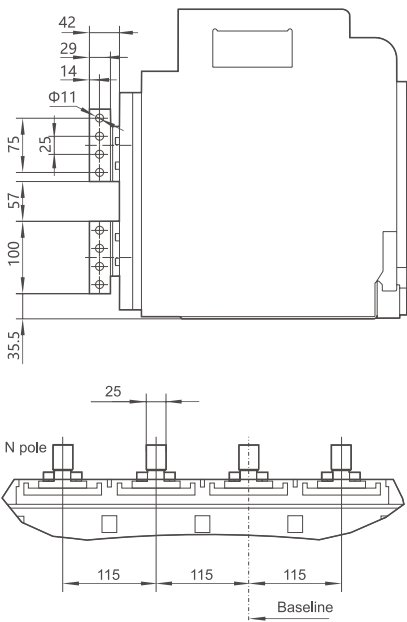


Overall dimensions of NA8-4000 fixed type

Side view



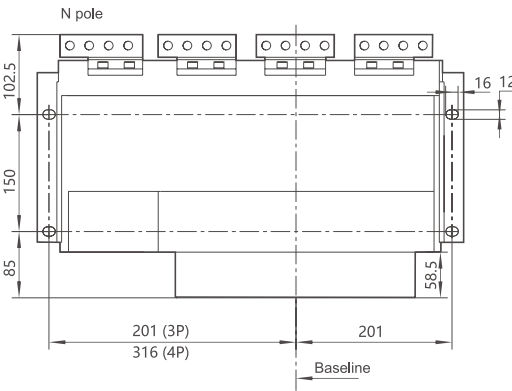
Busbar installation dimensions



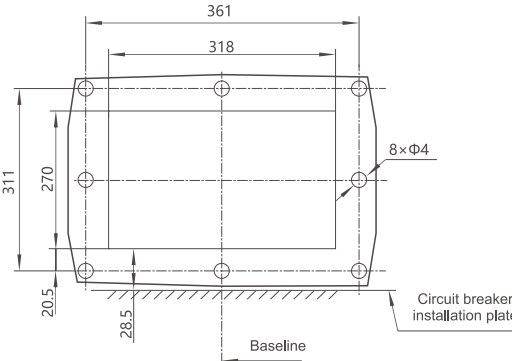
Note: To change vertical connection to horizontal connection, user needs to change the upper and lower buses of phase N and phase B to the same as those of phase A and phase C.

Vertical busbar connection of NA8-4800 withdrawable type (In=3200A~4000A)

Hole size of the base



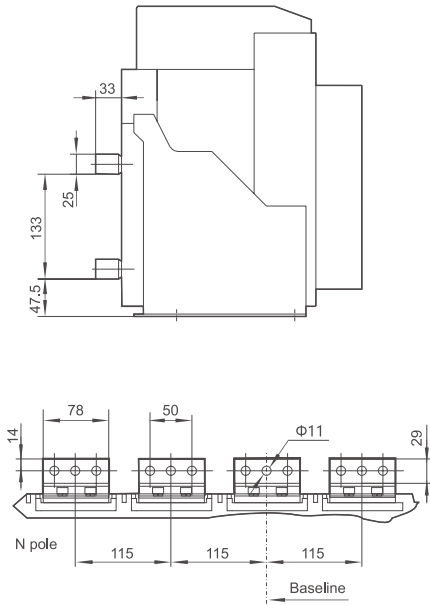
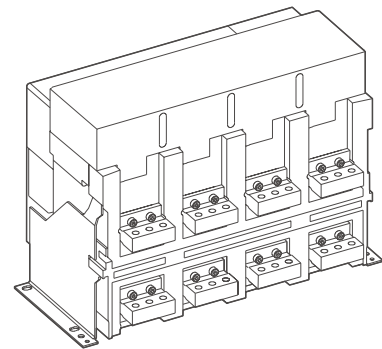
Hole size of the panel



Perforating size of NA8-4000 fixed type

Side view

Busbar installation dimensions

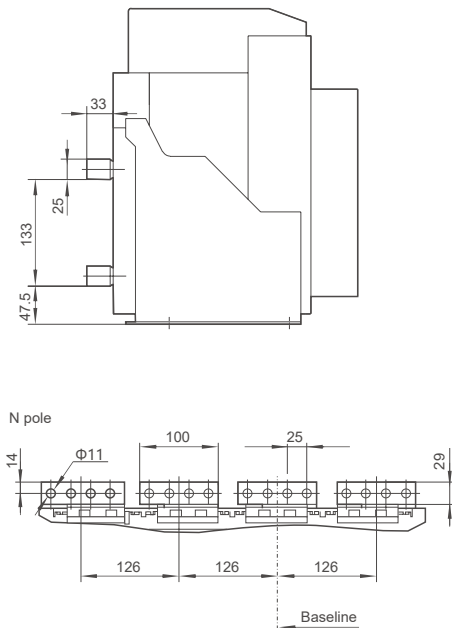
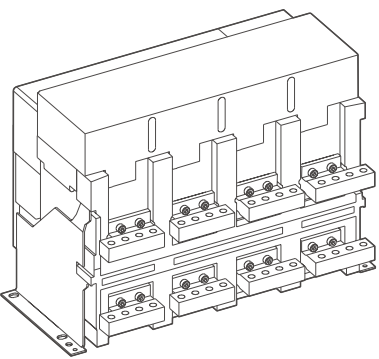


Note: User only needs to rotate the bus 90° to change horizontal connection to vertical connection.

Horizontal busbar connection of NA8-4000 fixed type (In=1600A~2500A)

Side view

Busbar installation dimensions

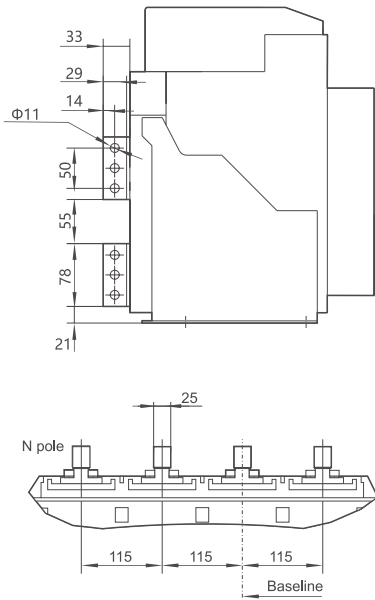
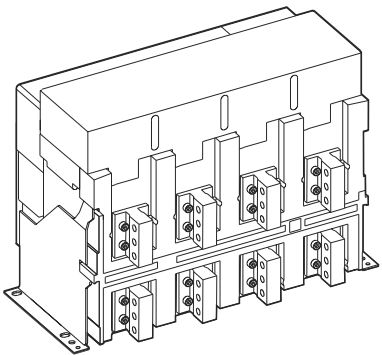


Note: To change horizontal connection to vertical connection, user needs to change the upper and lower buses of phase N and phase B to the same as those of phase A and phase C.

Horizontal busbar connection of NA8-4000 fixed type (In=3200A~4000A)

Side view

Busbar installation dimensions

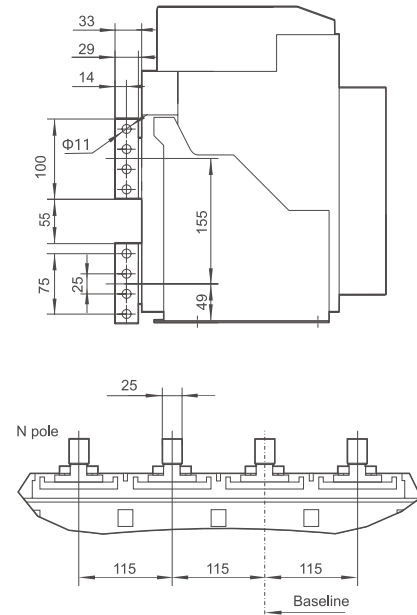
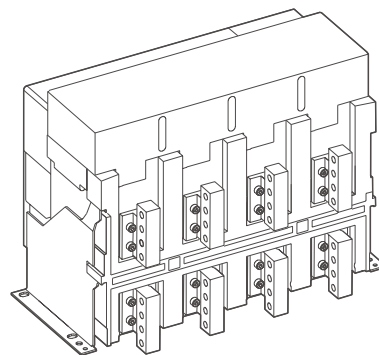


Note: User only needs to rotate the bus 90°to change vertical connection to horizontal connection.

Vertical busbar connection of NA8-4000 fixed type (In=1600A~2500A)

Side view

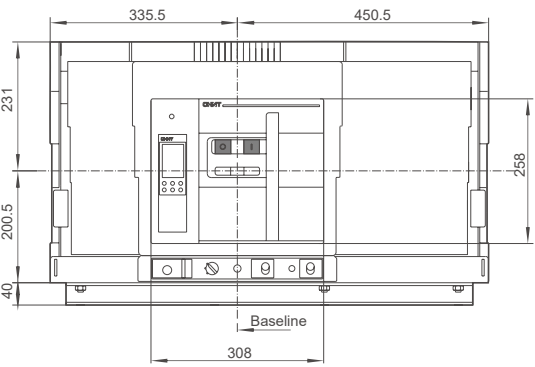
Busbar installation dimensions



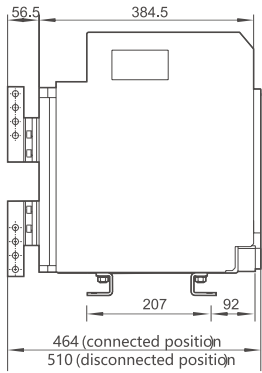
Note: To change vertical connection to horizontal connection, user needs to change the upper and lower buses of phase N and phase B to the same as those of phase A and phase C.

Vertical busbar connection of NA8-4000 fixed type (In=3200A~4000A)

Front view

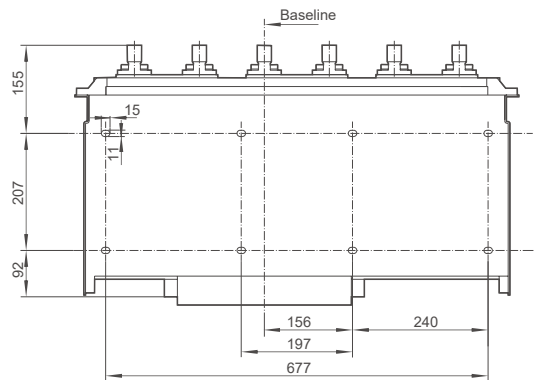


Side view

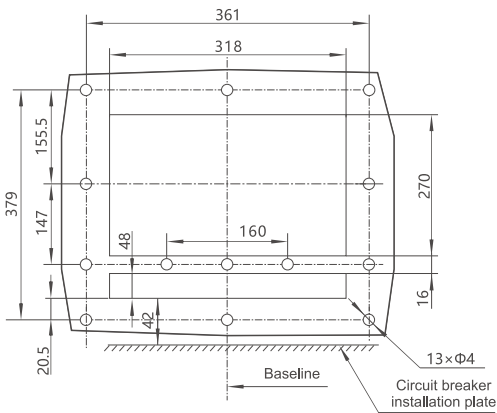


Overall dimensions of NA8-7500 3-pole withdrawable type (In=4000A~6300A)

Hole size of the base

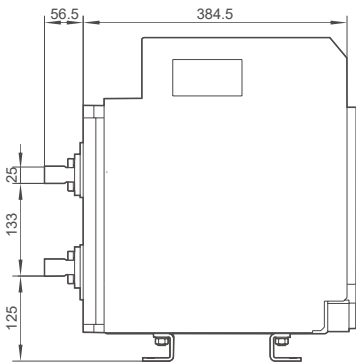


Hole size of the panel

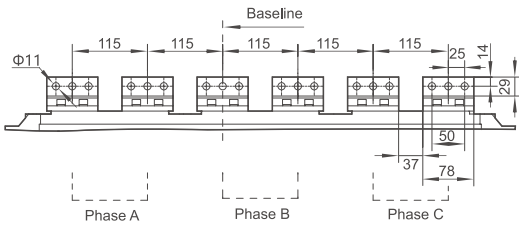


Perforating size of NA8-7500 3-pole withdrawable type (In=4000A~6300A)

Side view



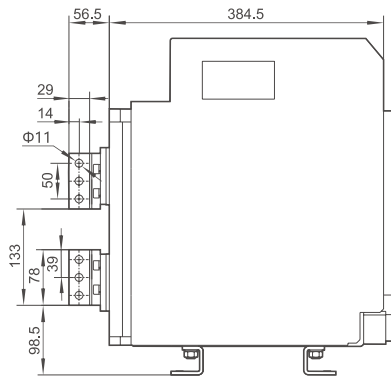
Busbar installation dimensions



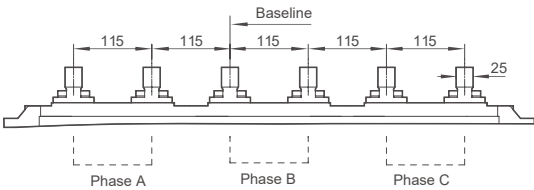
Note: User only needs to rotate the bus 90° to change horizontal connection to vertical connection.

Horizontal busbar connection of NA8-7500 3-pole withdrawable type (In=4000A~5000A)

Side view



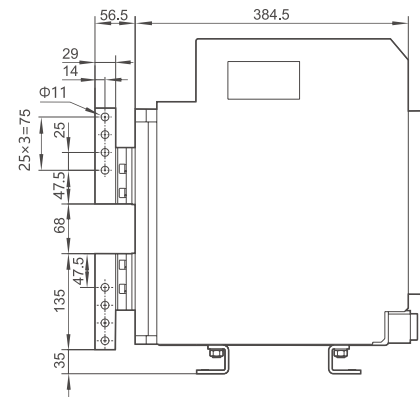
Busbar installation dimensions



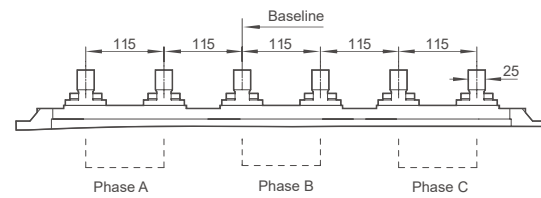
Note: User only needs to rotate the bus 90° to change vertical connection to horizontal connection.

Vertical busbar connection of NA8-7500 3-pole withdrawable type (In=4000A~5000A)

Side view



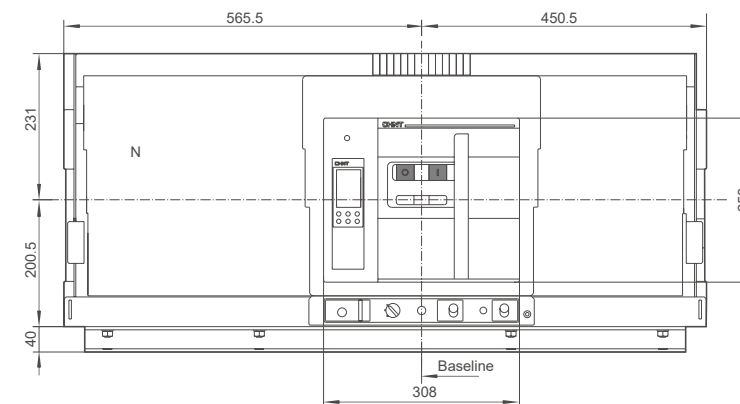
Busbar installation dimensions



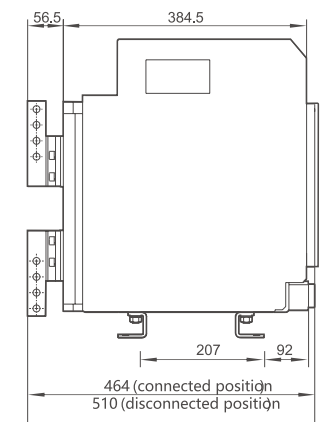
Note: In=6300A is only available with vertical connection, horizontal connection is not available.

Vertical busbar connection of NA8-7500 3-pole withdrawable type (In=6300A)

Front view

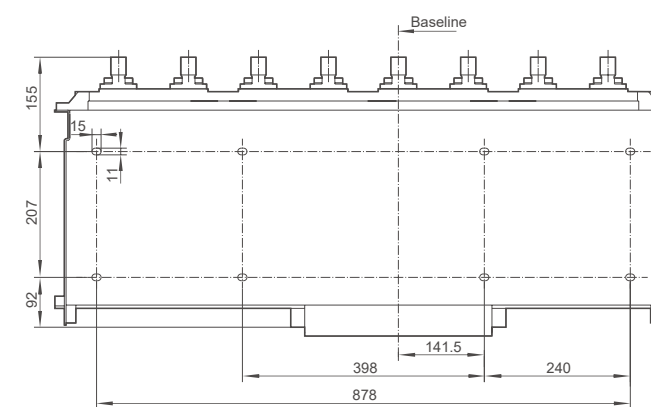


Side view

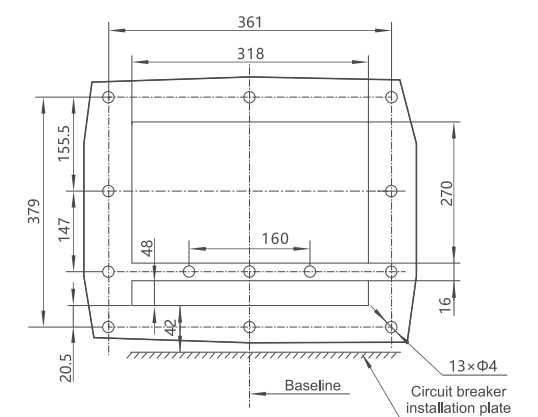


Overall dimensions of NA8-7500 withdrawable type 4 poles (In=4000A~6300A) /3&4 poles (In=7500A)

Hole size of the base

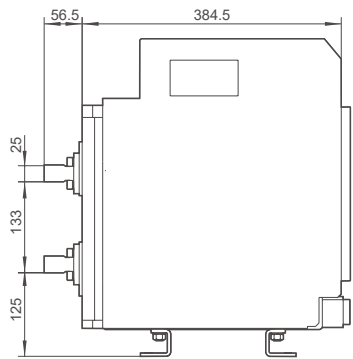


Panel perforating size



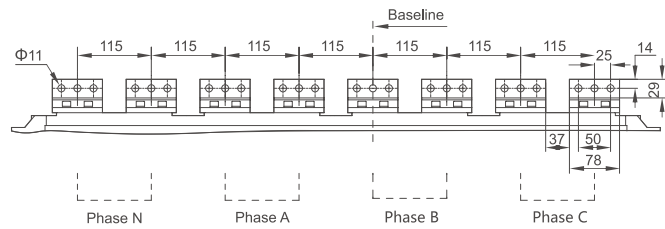
Perforating size of NA8-7500 withdrawable type 4 poles (In=4000A~6300A) /3&4 poles (In=7500A)

Side view



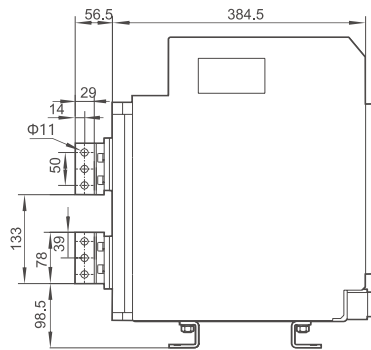
Note: User only needs to rotate the bus 90° to change horizontal connection to vertical connection.

Busbar installation dimensions



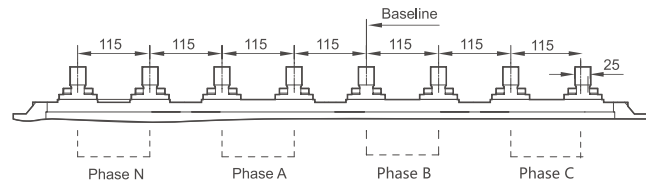
Horizontal busbar connection of NA8-7500 4-pole withdrawable type (In=4000A~5000A)

Side view



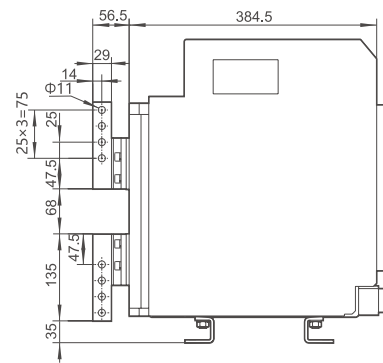
Note: User only needs to rotate the bus 90° to change vertical connection to horizontal connection.

Hole size of the panel



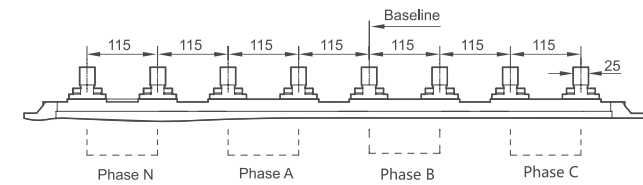
Vertical busbar connection of NA8-7500 4-pole withdrawable type (In=4000A~5000A)

Side view



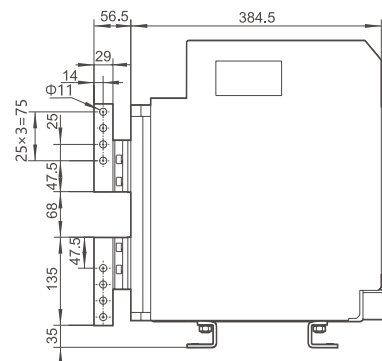
Note: In=6300A is only available with vertical connection, horizontal connection is not available.

Busbar installation dimensions



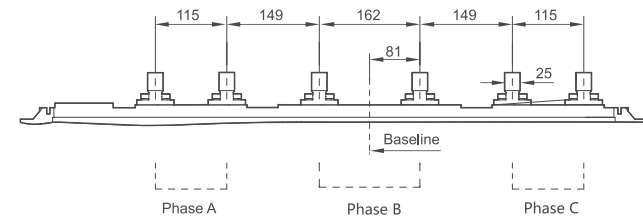
Vertical busbar connection of NA8-7500 4-pole withdrawable type (In=6300A)

Side view



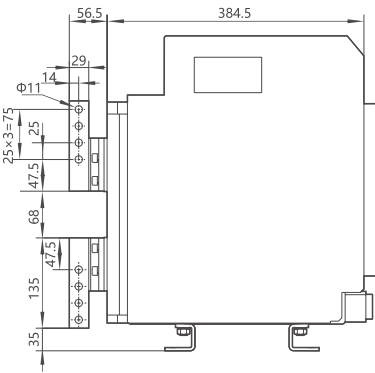
Note: In=7500A is only available with vertical connection, horizontal connection is not available.

Busbar installation dimensions

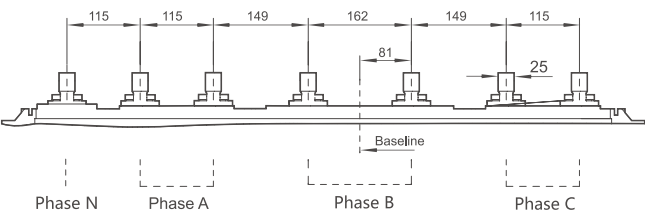


Vertical busbar connection of NA8-7500 3-pole withdrawable type (In=7500A)

Side view



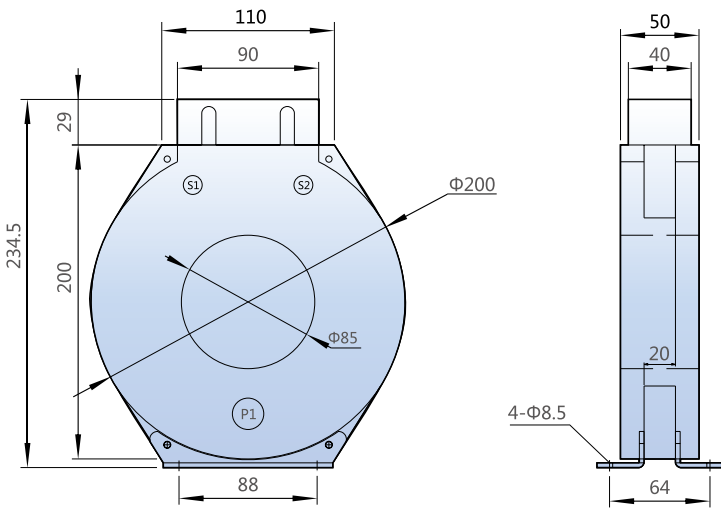
Busbar installation dimensions



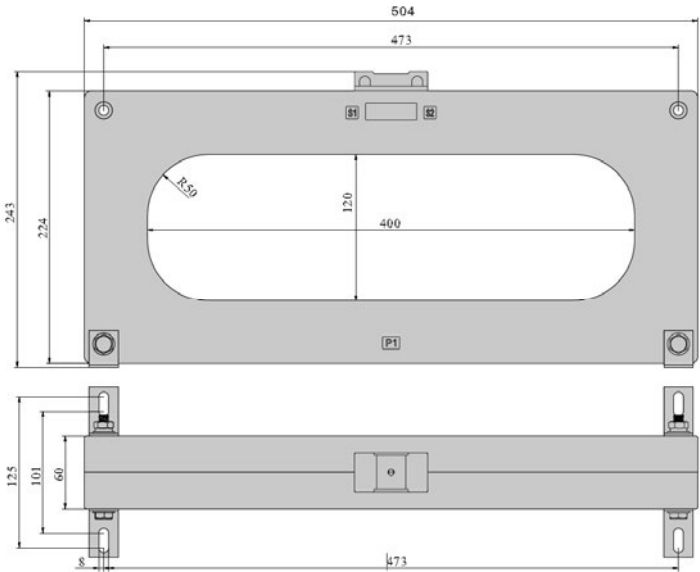
Note: In=7500A is only available with vertical connection, horizontal connection is not available.

Vertical busbar connection of NA8-7500 4-pole withdrawable type (In=7500A)

Dimensions of ground current transformer



Dimensions of leakage protection transformer

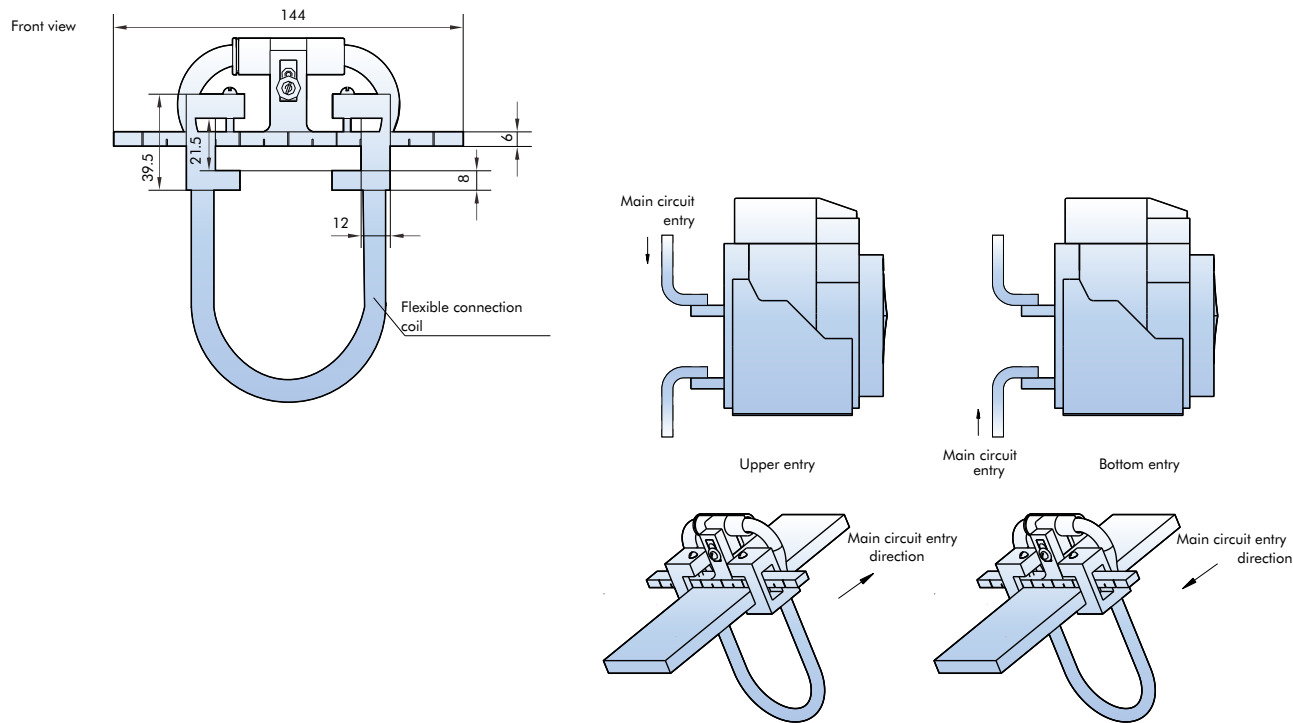


Note: Undervoltage delay control module(UVTZ-1), power module(PSU-1) and relay signal module(RU-1) are of same outline dimension, 35mm standard guide rail installation can also be used for installation.

Overall dimensions of undervoltage delay control module, power module, RU-1 relay signal module

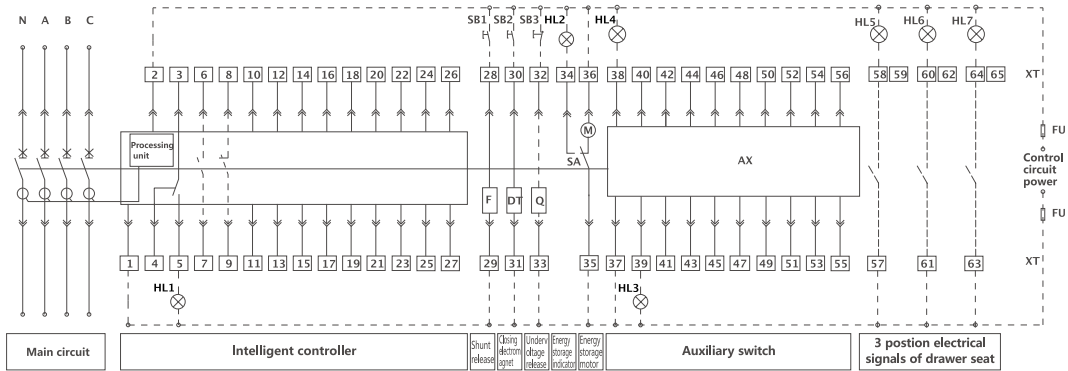
Note: 1. The circuit breaker selected for the configuration of leakage current transformer can only be selected if the rated current is $\leq 3200A$.
2. 1600 frame can be horizontally or vertically outgoing, 2500 and 3200 frames use vertical outgoing.

Dimensions of neutral pole current transformer



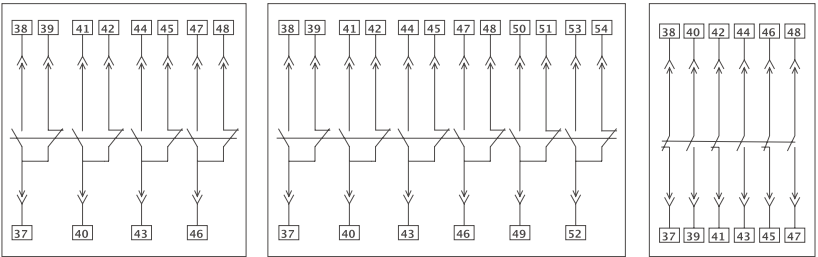
Note: 1. Upon fixing the neutral transformer, it needs to install it at the entry end of circuit breaker, and one side of its flexible cable should face the entry direction of main circuit.
2. When the frame is 1600 and rated current is 200~630A, the transformer needs to be wrapped around the busbar twice to be used normally.

Control circuit electrical wiring diagram



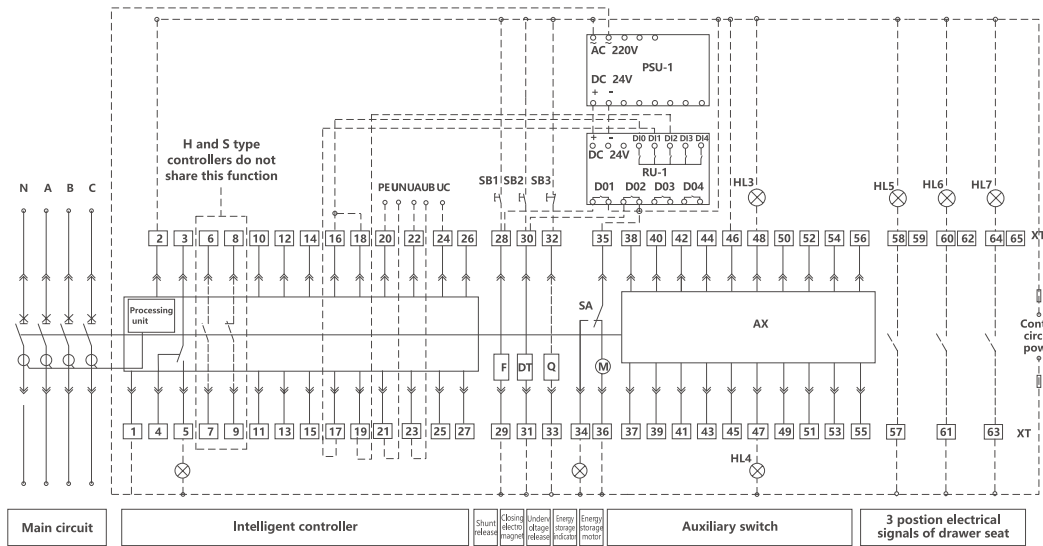
Control circuit wiring diagram of NA8-1600 M controller

C04 4 group conversion contact (default) C06 6 group conversion contact (optional) N3 3NO, 3NC contact (optional)

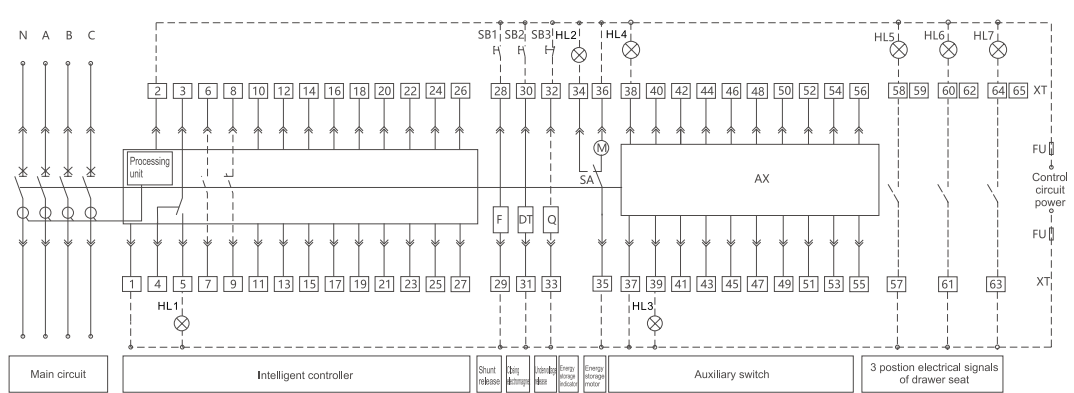


F-shunt release DT-closing electromagnet Q-undervoltage release
M-motor operating mechanism
SA-position switch XT-terminal AX-auxiliary terminal SB1-Opening Pushbutton
SB2-Closing Pushbutton SB3-emergency stop button HL1-fault indicator
HL2-energy storage indicator
HL3-Breaking indicator HL4-Making indicator HL5~7-position indicator
FU-fuse (6A)
1#, 2#: intelligent controller power: voltage AC220/380V, can be directly connected to 1#, 2#; If voltage is DC220/110V, a 24V output from power module is required before being connected to 1#, 2#
3#~ 5#: trip alarm contact (3 is the common contact)
6#~ 9#: auxiliary contact (1 NO and 1 NC contact), optional
10#, 11#: empty
12#~ 19#: empty
20#: empty
21#~ 24#: empty
24#, 25#: signal input contact for external N phase transformer, normally empty, used as signal input contact for external transformer if specially ordered by user.
27#: protectively earthed, connected to exterior panel of circuit breaker.
28#, 29#: shunt release; 30#, 31#: closing electromagnet; 32#, 33#: undervoltage release
34#~36#: Motor driven mechanism
37#~ 56#: auxiliary contact. Normally 4 groups of changeover auxiliary contacts, 6 groups of changeover auxiliary contacts or 3NO/3NC contacts are available if specially ordered by user. 6-group conversion auxiliary contacts are only applicable to AC current.
57#~65#: 3 position signal indicator for withdrawable circuit breaker, no connection for regular delivery, only for withdrawable circuit breakers with the functions.
Note: Solid lines are factory connected, dotted lines need to be connected by user.

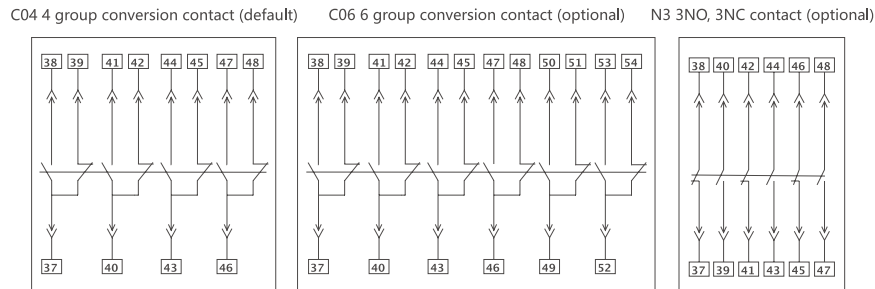
AX auxiliary contact wiring diagram of NA8-1600 M controller



Control circuit wiring diagram of NA8-1600 H/S controller



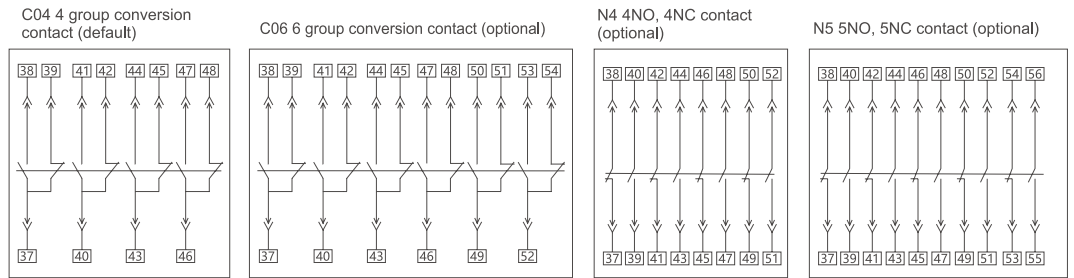
Control circuit wiring diagram of NA8-2500~7500 M controller



F—shunt release DT—closing electromagnet Q—under voltage release M—motor operating mechanism SA—position switch XT—terminal AX—auxiliary terminal SB1—Opening Pushbutton SB2—Closing Pushbutton SB3—emergency stop button HL1—fault indicator HL2—energy storage indicator HL3—Breaking indicator HL4—Makeing indicator HL5~7—position indicator FU—fuse (6A)
1#, 2#: intelligent controller power: voltage AC220/380V, can be directly connected to 1#, 2#; If voltage is DC220/110V, a 24V output from power module is required before being connected to 1#, 2#
3#~ 5#: trip alarm contact (3 is the common contact)
6#~ 9#: H-type controller,6#, 7#:normally open contact:
8#, 9#:normally closed contact;optional
S-type controller,6#, 7#.:Internal communication interface (used for AMU and PMU detection modules)
8#, 9#.:internal switch state detection
10#, 11#: H and S type intelligent controller default communication output terminal
12#~ 19#: 4 groups of programmable output signals, must be connected with external RU-1 relay module. Prohibit access to high voltage signal
12#, 13#:load 1 alarm;14#, 15#:load 2 alarm;16#, 17#:open signal output;
18#, 19#:closing signal output;

20#: PE line
21#~ 24#: voltage display input signal terminal, 21#: Phase N voltage signal, 22#: phase A voltage signal, 23#: phase B voltage signal, 24#: phase C voltage signal.
25#, 26#: signal input contact for external N phase transformer or external earth current transformer, normally empty, used as signal input contact for external transformer if specially ordered by user.
27#: empty.
28#, 29#: shunt release; 30#, 31#: closing electromagnet; 32#, 33#: undervoltage release
34#~36#: Motor driven mechanism
37#~ 56#: auxiliary contact. 6-group conversion auxiliary contacts are only applicable to AC current.
Normally 4 groups of changeover auxiliary contacts, 6 groups of changeover auxiliary contacts or 3NO/3NC contacts are available if specially ordered by user.
57#~65#: 3 position signal indicator for withdrawable circuit breaker, no connection for regular delivery, only for withdrawable circuit breakers with the functions.
RU-1: relay module. Upstream machine opens and closes circuit breaker through remote control, used for opening and closing signal energy amplification, which will be charged separately.
Note: Solid lines are factory connected, dotted lines need to be connected by user.

AX auxiliary contact wiring diagram of NA8-1600 H/S controller



F—shunt release DT—closing electromagnet Q—under voltage release M—motor operating mechanism SA—position switch XT—terminal AX—auxiliary terminal SB1—Opening Pushbutton SB2—Closing Pushbutton SB3—emergency stop button HL1—fault indicator HL2—energy storage indicator HL3—Breaking indicator HL4—Makeing indicator HL5~7—position indicator FU—fuse (6A)
1#, 2#: intelligent controller power: voltage AC220/380V, can be directly connected to 1#, 2#; If voltage is DC220/110V, a 24V output from power module will be required before being connected to 1#, 2#
3#~ 5#: trip alarm contact (3 is common contact)
6#~ 9#: auxiliary contact (1 NO and 1 NC contact), optional
12#~ 19#: empty
10#, 11#: empty
20#: empty
21#~ 24#: empty

27#: protectively earthed, connected to exterior panel of circuit breaker.
28#, 29#: shunt release; 30#, 31#: closing electromagnet; 32#, 33#: undervoltage release
34#~36#: Motor driven mechanism
37#~ 56#: auxiliary contact. 6-group conversion auxiliary contacts are only applicable to AC current.
24#, 25#: signal input contact for external N phase transformer, normally empty, used as signal input contact for external transformer if specially ordered by user.
Normally 4 groups of changeover auxiliary contacts, 6 groups of changeover auxiliary contacts or 4NO/4NC contacts and 5NO/5NC contacts are available if specially ordered by user.
57#~65#: 3 position signal indicator for withdrawable circuit breaker, no connection for regular delivery, only for withdrawable circuit breakers with the functions.
Note: Solid lines are factory connected, dotted lines need to be connected by user.

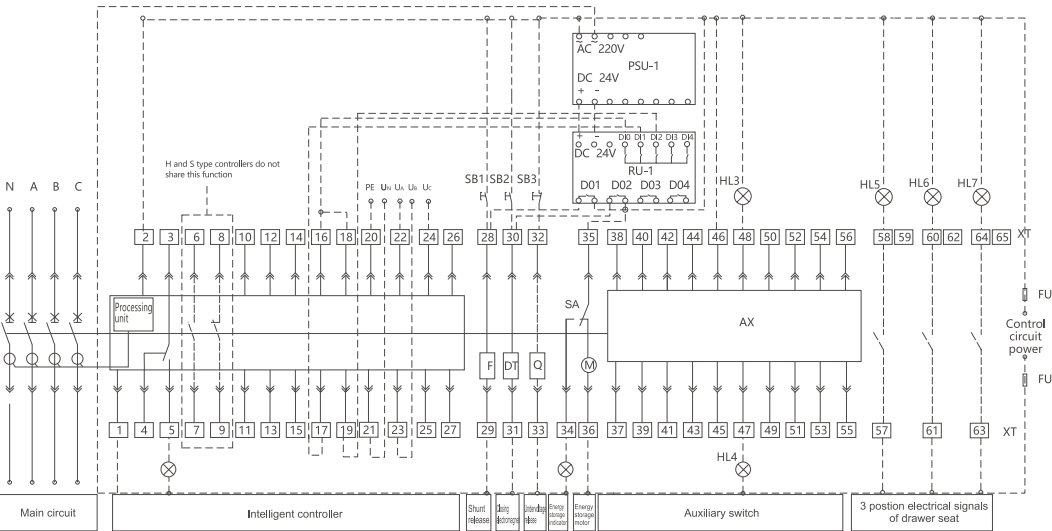
AX auxiliary contact wiring diagram of NA8-2500~7500 M controller

Circuit Breaker Configuration

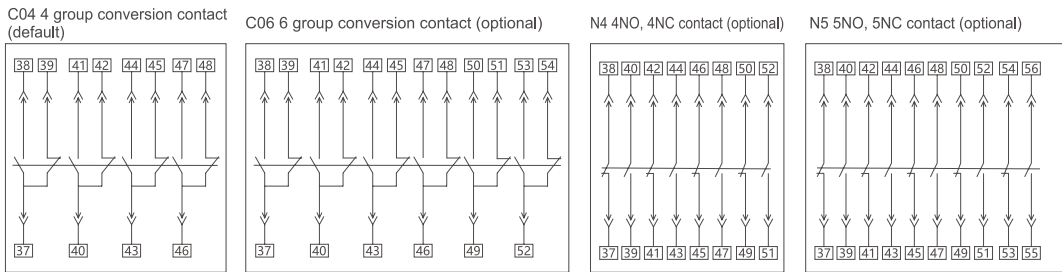
Standard component	NA8-1600		NA8-2500		NA8-3200		NA8-4000		NA8-7500
	Fixed type	Withdrawable type	Fixed type	Withdrawable type	Fixed type	Withdrawable type	Fixed type	Withdrawable type	Withdrawable type
Circuit breaker body	■	■	■	■	■	■	■	■	■
Drawer seat		■		■		■		■	■
Intelligent controller	■	■	■	■	■	■	■	■	■
Upper and lower horizontal connection	■	■	■	■	■	■	■	■	■
Auxiliary contact 4CO	■	■	■	■	■	■	■	■	■
Fault tripping indication contact	■	■	■	■	■	■	■	■	■
Motor-driven operating mechanism	■	■	■	■	■	■	■	■	■
Closed electromagnet	■	■	■	■	■	■	■	■	■
Shunt release	■	■	■	■	■	■	■	■	■
Door frame	■	■	■	■	■	■	■	■	■

Note: The table above is the standard configuration of motor-driven type

Optional accessory	NA8-1600		NA8-2500		NA8-3200		NA8-4000		NA8-7500
	Fixed type	Withdrawable type	Fixed type	Withdrawable type	Fixed type	Withdrawable type	Fixed type	Withdrawable type	Withdrawable type
Undervoltage time delay release	■	■	■	■	■	■	■	■	■
Undervoltage instantaneous release	■	■	■	■	■	■	■	■	■
Opening/closing button lock	■	■	■	■	■	■	■	■	■
Drawer position padlock		■		■		■		■	■
Drawer safety barrier padlock		■		■		■		■	■
Body key lock	■	■	■	■	■	■	■	■	■
Position door interlock		■		■		■		■	■
Condition door interlock		■		■		■		■	■
Auxiliary contact 6CO	■	■	■	■	■	■	■	■	■
Auxiliary contact 3NO + 3NC	■	■							
Auxiliary contact 4NO + 4NC			■	■	■	■	■	■	■
Auxiliary contact 5NO + 5NC			■	■	■	■	■	■	■
Drawer position indication contact		■		■		■		■	■
Mechanical interlock (two)	■	■	■	■	■	■	■	■	■
External neutral line transformer	■	■	■	■	■	■	■	■	■
Ground current transformer and accessories	■	■	■	■	■	■	■	■	■
Interphase insulating barrier	■	■	■	■	■	■	■	■	■
Mechanical interlock (three)			■	■	■	■	■	■	■



Control circuit wiring diagram of NA8-2500~7500 H/S controller



F—shunt release DT—closing electromagnet Q—under voltage release M—motor operating mechanism SA—position switch XT—terminal AX—auxiliary terminal SB1—Opening Pushbutton FU—fuse (6A)
1#, 2#: intelligent controller power: voltage AC220/380V, can be directly connected to 1#, 2#; If voltage is DC220/110V, a 24V output from power module is required before being connected to 1#, 2#
SB2—Closing Pushbutton SB3—emergency stop button HL1—fault indicator HL2—energy storage indicator HL3—Breaking indicator HL4—Makeing indicator HL5~7—position indicator
3#~ 5#: trip alarm contact (3 is the common contact)
6#~ 9#: H-type controller,6#, 7#:normally open contact:
8#, 9#:normally closed contact;optional S-type controller, 6#, 7#: Internal communication interface (used for AMU and PMU detection modules)
8#, 9#:internal switch state detection
10#, 11#: H and S type intelligent controller default communication output terminal
12#~ 19#: 4 groups of programmable output signals, must be connected with external RU-1 relay module. Prohibit access to high voltage signal
12#, 13#:load 1 alarm;14#, 15#:load 2 alarm;16#, 17#:open signal output; 18#, 19#:closing signal output;
20#: PE line
21#~ 24#: voltage display input signal terminal, 21#: Phase N voltage signal, 22#: phase A voltage signal, 23#: phase B voltage signal, 24#: phase C voltage signal.

25#, 26#: signal input contact for external N phase transformer or external earth current transformer, normally empty, used as signal input contact for external transformer if specially ordered by user.
27#: empty.
28#, 29#: shunt release; 30#, 31#: closing electromagnet; 32#, 33#: undervoltage release
34#~36#: Motor driven mechanism
37#~ 56#: auxiliary contact. 6-group conversion auxiliary contacts are only applicable to AC current.
Normally 4 groups of changeover auxiliary contacts, 6 groups of changeover auxiliary contacts or 4NO/4NC contacts and 5NO/5NC contacts are available if specially ordered by user.
57#~65#: 3 position signal indicator for withdrawable circuit breaker, no connection for regular delivery, only for withdrawable circuit breakers with the functions.
ST-DP: DP protocol module, no need for ST-DP protocol module if upstream communication protocol is Modbus-RTU; use ST-DP protocol module to transfer Modbus-RTU protocol into Profibus-DP protocol if upstream communication protocol is Profibus-DP, which will be charged separately.
RU-1: relay module. Upstream machine opens and closes circuit breaker through remote control, used for opening and closing signal energy amplification, which will be charged separately.
Note: Solid lines are factory connected, dotted lines need to be connected by user.

AX auxiliary contact wiring diagram of NA8-2500~7500 H/S controller

Circuit breaker selection table

Frame size current	NA8-1600		NA8-2500		NA8-3200	NA8-4000		NA8-7500	
Circuit breaker	N □	H □	N □	H □		N □	H □	N □	H □
Rate current	200A □	630A □	630A □	1600A □	1600A □	1600A □	4000A □	4000A □	
	400A □	800A □	800A □	2000A □	2000A □	2000A □	5000A □	5000A □	
	630A □	1000A □	1000A □	2500A □	2500A □	2500A □	6300A □	6300A □	
	800A □	1250A □	1250A □	3200 A □	3200 A □	3200 A □	7500A □	7500A □	
	1000A □	1600A □	1600A □		4000 A □	4000 A □			
	1250A □	2000A □	2000A □						
	1600A □	2500A □	2500A □						
Number of poles	3p □		4p □						
Installation method	Withdrawable □		Fixed □ (not available for NA8-7500)						
Bus connection	Horizontal □		Vertical □		Mixed □ (specify)				
Intelligent controller	M type □ (basic)		H type □ (communication)		S type □ (LOT)				
Shunt, close, motor	Closing electromagnet □		Shunt release □		Energy storage motor □				
	AC220/230V □		AC380/400 V □		DC220V □		DC110V □		
Undervoltage release	UVT □		UVTD □		UVTZ-1 □ (only for NA8-1600)				
	AC220/230V □		AC380/400V □						
Auxiliary contact	NA8-1600		C04 (standard)		C06 □ (only for AC)		N3 □ (only for AC)		
	NA8-2500~7500		C04 (standard)		C06 □ N4 □		N5 □		
Auxiliary contact indicator(optional)	3 position signal device for drawer seat □								
Connection accessories (optional)	Interphase barrier □		NA8-1600 extended bus □						
Controller functions and accessories (optional)	External transformer: N phase external transformer □ External LEC leakage transformer □								
	Earth current protection transformer □								
	Controller function: 3P+N protection □				Leakage protection □		Earth current protection □		
	Voltage measurement and protection □				Energy measurement and protection □		Signal contact output □		
	ZSI zone selective interlock protection □				Load monitoring □				
	Notes: 1) 3P+N protection requires N phase external transformer; 2) Leakage protection requires external LEC leakage transformer,and rated current of ACB with leakage transformer should <= 3200A; 3) Earth current protection requires earth current protection transformer								
Locking mechanism (Optional)	Opening/Closing button lock □ 1 lock 1 key □ 2 locks 1 key □ 3 locks 2 keys □								
Mechanical interlock (Optional)	Steel cable interlock (dual interlock) □ Steel cable interlock (MIT-3) □ (only for NA8-2500~7500)								
Module (Optional)	PSU-1 □ RU-1 □		ST-DP protocol conversion module □						

Notes: 1) specify frame size current, rated current and auxiliary control voltage when ordering
2) Please mark “ □ ” or “ √ ” in the “-” to select the option you need; if not marked, we will delivery with factory settings.
3) Extra charges are required for additional functions and special requirements. Telephone:
Fax: 0577-6287777-706288

Configuration Explanation

1. NA8-1600-7500 regular configuration Shunt release, closing electromagnet, 4 groups of

auxiliary changeover contacts, motor, M type intelligent controller, main circuit horizontal connection, door frame, main circuit installation bolts, circuit breaker manual, package box, drawer seat (withdrawable circuit breaker)

2. Optional configuration (extra charges) NA8-1600 optional configuration: undervoltage

instantaneous release, undervoltage delayed release, steel cable interlock, keylock, external transformer ground protection, 6 groups of auxiliary

changeover contacts, 3 NO 3 NC contacts, H type intelligent controller, optional H type functions, interphase barrier, position signal.NA8-2500-7500

optional configuration: undervoltage delayed release (1s-5s adjustable), steel cable interlock, button lock, keylock, door interlock, external transformer

ground protection, vertical connection, 6 groups of auxiliary changeover contacts, 4 NO 4 NC contacts, 5 NO 5 NC contacts, H type intelligent

controller, optional H type functions, position signal.

NA8 Accessories

Category	Frame size	Ordering Code	SKU (English)	Note
Auxiliary contact	7500A	263697	NA8-7500-OF-N4	4NO + 4NC
	7500A	263695	NA8-7500-OF-C04	4 group convert contact
	7500A	263698	NA8-7500-OF-N5	5NO + 5NC
	7500A	263696	NA8-7500-OF-C06	6 group convert contact
	1600A	470692	NA8-1600- OF-C04	4 group convert contact
	1600A	470693	NA8-1600- OF-C06	6 group convert contact
	1600A	470694	NA8-1600- OF-N3	3NO + 3NC
	2500~4000A	515750	NA8-2500/4000-OF-N4	4NO + 4NC
	2500~4000A	515751	NA8-2500/4000-OF-C04	4 group convert contact
	2500~4000A	515752	NA8-2500/4000-OF-N5	5NO + 5NC
	2500~4000A	515753	NA8-2500/4000-OF-C06	6 group convert contact
Closing Electromagnet	1600~4000A	508942	NA8-CEM 24-30Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508943	NA8-CEM 48-60Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508944	NA8-CEM 110-130Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508945	NA8-CEM 200-240Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508946	NA8-CEM 380-440Vac	1600~4000 compatible, and compatible with the HU version
	7500A	263687	NA8-7500-CC AC/DC220V	Control voltage AC/DC220V
	7500A	263688	NA8-7500-CC-400VAC	Control voltage AC400V
Shunt Release	1600~4000A	508937	NA8-SHT 24-30Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508938	NA8-SHT 48-60Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508939	NA8-SHT 110-130Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508940	NA8-SHT 200-240Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508941	NA8-SHT 380-440Vac	1600~4000 compatible, and compatible with the HU version
	7500A	263690	NA8-7500-ST-220VAC/DC	Control voltage AC/DC220V
	7500A	263691	NA8-7500-ST-400VAC	Control voltage AC400V
Undervoltage instantaneous release	1600~4000A	508932	NA8-UVT 24-30Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508933	NA8-UVT 48-60Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508934	NA8-UVT 110-130Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508935	NA8-UVT 200-240Vac/dc	1600~4000 compatible, and compatible with the HU version
	1600~4000A	508936	NA8-UVT 380-440Vac	1600~4000 compatible, and compatible with the HU version
	7500A	260054	NA8-7500-UVT AC240V	Control voltage AC230V
	7500A	260053	NA8-7500-UVT-400VAC	Control voltage AC400V
Undervoltage time delay release	1600	470690	NA8-1600-UVTZ-1-230VAC	Control voltage AC230V
	1600	470691	NA8-1600-UVTZ-1-400VAC	Control voltage AC400V
	2500~7500A	263693	NA8-2500 ~ 7500-UVTD-230VAC	Control voltage AC230V
	2500~7500A	263694	NA8-2500 ~ 7500-UVTD-400VAC	Control voltage AC400V

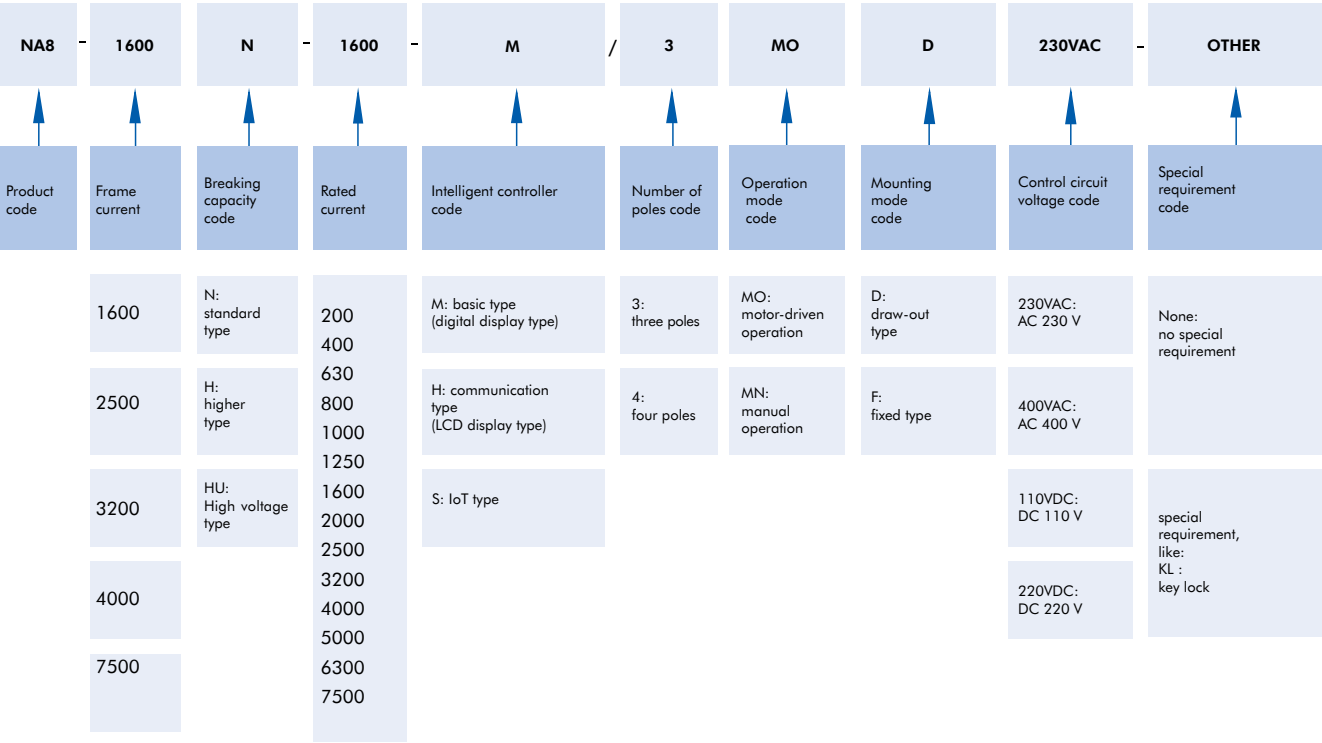
NA8 Accessories

Category	Frame size	Ordering Code	SKU (English)	Note
N phase CT	1600A	524727	NA8-1600-NEC-630~800A	
	1600A	524728	NA8-1600-NEC-1000~1600A	
	1600A	537702	NA8-1600-NEC-200~400A	
	2500A	515754	NA8-2500-NEC-1000~2500A	
	2500A	515755	NA8-2500-NEC-630~800A	
	3200/4000A	515756	NA8-3200/4000-NEC-800~1600A	
	3200/4000A	515757	NA8-3200/4000-NEC-2000~4000A	
Residual CT	<3200A	372263	NA8(G)-LEC	
Ground leakage CT	All	446767	NA8(G)-WEC	
Button locking device	1600A	470704	NA8-1600-BLD	
	2500~7500A	263716	NA8-2500 ~ 7500-BLD	
3 pssotion siganl device	2500~4000A	263706	NA8-2500 ~ 4000-CE-CD-CT	Factory premount
	7500A	263707	NA8-7500--CE-CD-CT	Factory premount
Counter	2500~4000A	413497	NA8-2500 ~ 4000 CDM	Factory premount
Draw-out type door frame	1600A	470703	NA8-1600-DCDP	
	2500A	263709	NA8-2500-DCDP	
	4000~7500A	263710	NA8-4000 ~ 7500-DCDP	
Fixed door frame	1600A	470702	NA8-1600-FCDP	
	2500A	263708	NA8-2500-FCDP	
	4000A	263711	NA8-4000-FCDP	
Draw-out type interphase insulating barrier	1600A	470697	NA8-1600-DD3	
	1600A	470698	NA8-1600-DD4	
	2500~4000A	263702	NA8-2500 ~ 4000-DD3	
	2500~4000A	259202	NA8-2500 ~ 4000-DD4	
	7500A	263705	NA8-7500-DD3	
	7500A	259203	NA8-7500-DD4	
Fixed interphase insulating barrier	1600A	470699	NA8-1600-FD3	
	1600A	470700	NA8-1600-FD4	
	2500~4000A	263703	NA8-2500 ~ 4000-FD3	
	2500~4000A	263704	NA8-2500 ~ 4000-FD4	
Draw-out type wire rope mechanical interlock	1600A	449973	NA8-1600-ILK2	2 ACBs interlock
	2500~7500A	259204	NA8-2500 ~ 7500-ILK2	2 ACBs interlock
	2500~7500A	263700	NA8-2500 ~ 7500-ILK3	3 ACBs interlock
Fixed wire rope mechanical interlock	1600A	449974	NA8-1600-ILK2F	2 ACBs interlock
	2500~4000A	263699	NA8-2500 ~ 4000-ILK2F	2 ACBs interlock
	2500~4000A	263701	NA8-2500 ~ 4000-ILK3F	3 ACBs interlock

NA8 Accessories

Category	Frame size	Ordering Code	SKU (English)	Note
Key lock	All	524726	NA8-1600-KL-1S1S	1S1S: one lock one key
	All	470695	NA8-1600-KL-2S1S	2S1S: two locks one key
	All	470696	NA8-1600-KL-3S2S	3S2S: three locks two keys
	2500~7500A	263757	NA8-2500 ~ 7500-KL-1S1S	1S1S: one lock one key
	2500~7500A	263758	NA8-2500 ~ 7500-KL-2S1S	2S1S: two locks one key
	2500~7500A	263759	NA8-2500 ~ 7500-KL-3S2S	3S2S: three locks two keys
Motor-driven energy storage mechanism	1600A	470680	NA8-1600-MO-220VAC/DC	Control voltage 220v
	1600A	470681	NA8-1600-MO-400VAC	Control voltage 400v
	1600A	470682	NA8-1600-MO-110VAC/DC	Control voltage 110v
	2500A	263681	NA8-2500-MO-220VAC/DC	Control voltage AC/DC220V
	2500A	263682	NA8-2500-MO-400VAC	Control voltage AC400V
	2500A	302901	NA8-2500-MO-24VDC	Control voltage DC24V
	4000~7500A	263684	NA8-4000 ~ 7500-MO AC/DC240V	Control voltage AC/DC220V
	4000~7500A	457038	NA8-4000 ~ 7500-MO-24VDC	Control voltage DC24V
	4000~7500A	263685	NA8-4000 ~ 7500-MO-400VAC	Control voltage AC400V
Relay signal module	All	263715	NA8-1600 ~ 7500-RU-1	Used for remote control
Power module	All	263712	NA8-1600 ~ 7500-PSU-1 230VAC	Convert AC230V to DC24V
	All	263713	NA8-1600 ~ 7500-PSU-1 400VAC	Convert AC400V to DC24V
	All	263714	NA8-1600 ~ 7500-PSU-1 110-220VDC	Convert DC220/110V to DC24V
Ready to close contact	2500~4000A	427194	NA8-2500~4000-PF	

NA8 SKU List



NA8-1600 Fixed 3P

Rated Current	Description	Code
200A	NA8-1600H-200S/3 MO-FX 230VAC	530486
1000A	NA8-1600H-1000S/3 MO-FX 230VAC	530550
1000A	NA8-1600H-1000S/3 MO-FX 400VAC	530558
1000A	NA8-1600N-1000H/3 MO-FX 230VAC	410917
1000A	NA8-1600N-1000H/3 MO-FX400VAC	410918
1000A	NA8-1600N-1000H/3 MN-FX 230VAC	410913
1000A	NA8-1600N-1000H/3 MN-FX400VAC	410914
1000A	NA8-1600N-1000M/3 MO-FX 230VAC	324240
1000A	NA8-1600N-1000M/3 MO-FX400VAC	404702
1000A	NA8-1600N-1000M/3 MN-FX 230VAC	324246
1000A	NA8-1600N-1000M/3 MN-FX400VAC	404708
1000A	NA8-1600N-1000S/3 MO-FX 230VAC	530549
1000A	NA8-1600N-1000S/3 MO-FX 400VAC	530557
1250A	NA8-1600H-1250S/3 MO-FX 230VAC	530566
1250A	NA8-1600H-1250S/3 MO-FX 400VAC	530574
1250A	NA8-1600N-1250H/3 MO-FX 230VAC	410933
1250A	NA8-1600N-1250H/3 MO-FX400VAC	410934
1250A	NA8-1600N-1250H/3 MN-FX 230VAC	410929
1250A	NA8-1600N-1250H/3 MN-FX400VAC	410930
1250A	NA8-1600N-1250M/3 MO-FX 230VAC	324241
1250A	NA8-1600N-1250M/3 MO-FX400VAC	404703
1250A	NA8-1600N-1250M/3 MN-FX 230VAC	324247
1250A	NA8-1600N-1250M/3 MN-FX400VAC	404709
1250A	NA8-1600N-1250S/3 MO-FX 230VAC	530565
1250A	NA8-1600N-1250S/3 MO-FX 400VAC	530573
1600A	NA8-1600H-1600S/3 MO-FX 230VAC	530582
1600A	NA8-1600H-1600S/3 MO-FX 400VAC	530590
1600A	NA8-1600N-1600H/3 MO-FX 230VAC	410949
1600A	NA8-1600N-1600H/3 MO-FX400VAC	410950
1600A	NA8-1600N-1600H/3 MN-FX 230VAC	410945
1600A	NA8-1600N-1600H/3 MN-FX400VAC	410946
1600A	NA8-1600N-1600M/3 MO-FX 230VAC	324242
1600A	NA8-1600N-1600M/3 MO-FX400VAC	404704
1600A	NA8-1600N-1600M/3 MN-FX 230VAC	324248
1600A	NA8-1600N-1600M/3 MN-FX400VAC	404710
1600A	NA8-1600N-1600S/3 MO-FX 230VAC	530581
1600A	NA8-1600N-1600S/3 MO-FX 400VAC	530589
200A	NA8-1600H-200S/3 MO-FX 400VAC	530494
200A	NA8-1600N-200S/3 MO-FX 230VAC	530485

NA8-1600 Fixed 3P

Rated Current	Description	Code
200A	NA8-1600N-200S/3 MO-FX 400VAC	530493
400A	NA8-1600H-400S/3 MO-FX 230VAC	530502
400A	NA8-1600H-400S/3 MO-FX 400VAC	530510
400A	NA8-1600N-400H/3 MO-FX 230VAC	410965
400A	NA8-1600N-400H/3 MO-FX400VAC	410966
400A	NA8-1600N-400H/3 MN-FX 230VAC	410961
400A	NA8-1600N-400H/3 MN-FX400VAC	410962
400A	NA8-1600N-400M/3 MO-FX 230VAC	324237
400A	NA8-1600N-400M/3 MO-FX400VAC	404699
400A	NA8-1600N-400M/3 MN-FX 230VAC	324243
400A	NA8-1600N-400M/3 MN-FX400VAC	404705
400A	NA8-1600N-400S/3 MO-FX 230VAC	530501
400A	NA8-1600N-400S/3 MO-FX 400VAC	530509
630A	NA8-1600H-630S/3 MO-FX 230VAC	530518
630A	NA8-1600H-630S/3 MO-FX 400VAC	530526
630A	NA8-1600N-630H/3 MO-FX 230VAC	410907
630A	NA8-1600N-630H/3 MN-FX 230VAC	410905
630A	NA8-1600N-630M/3 MO-FX 230VAC	324238
630A	NA8-1600N-630M/3 MN-FX 230VAC	324244
630A	NA8-1600N-630H/3 MO-FX400VAC	410979
630A	NA8-1600N-630H/3 MN-FX400VAC	410977
630A	NA8-1600N-630M/3 MO-FX400VAC	404700
630A	NA8-1600N-630M/3 MN-FX400VAC	404706
630A	NA8-1600N-630S/3 MO-FX 230VAC	530517
630A	NA8-1600N-630S/3 MO-FX 400VAC	530525
800A	NA8-1600H-800S/3 MO-FX 230VAC	530534
800A	NA8-1600H-800S/3 MO-FX 400VAC	530542
800A	NA8-1600N-800H/3 MO-FX230VAC	410911
800A	NA8-1600N-800H/3 MN-FX 230VAC	410909
800A	NA8-1600N-800M/3 MO-FX230VAC	324239
800A	NA8-1600N-800M/3 MN-FX 230VAC	324245
800A	NA8-1600N-800H/3 MO-FX400VAC	410991
800A	NA8-1600N-800H/3 MN-FX400VAC	410989
800A	NA8-1600N-800M/3 MO-FX400VAC	404701
800A	NA8-1600N-800M/3 MN-FX400VAC	404707
800A	NA8-1600N-800S/3 MO-FX 230VAC	530533
800A	NA8-1600N-800S/3 MO-FX 400VAC	530541
400A	NA8-1600H-400H/3 MN-FX 230VAC	530843
630A	NA8-1600H-630H/3 MN-FX 230VAC	530845
800A	NA8-1600H-800H/3 MN-FX 230VAC	530847

NA8-1600 Fixed 4P

Rated Current	Description	Code
1000A	NA8-1600H-1000M/4 MO-FX 230VAC	520741
1000A	NA8-1600H-1000M/4 MN-FX 230VAC	520739
1000A	NA8-1600H-1000S/4 MO-FX 230VAC	530552
1000A	NA8-1600H-1000S/4 MO-FX 400VAC	530560
1000A	NA8-1600N-1000S/4 MO-FX 230VAC	530551
1000A	NA8-1600N-1000S/4 MO-FX 400VAC	530559
1250A	NA8-1600H-1250S/4 MO-FX 230VAC	530568
1250A	NA8-1600H-1250S/4 MO-FX 400VAC	530576
1250A	NA8-1600N-1250H/4 MO-FX 230VAC	410941
1250A	NA8-1600N-1250H/4 MO-FX 400VAC	410942
1250A	NA8-1600N-1250S/4 MO-FX 230VAC	530567
1250A	NA8-1600N-1250S/4 MO-FX 400VAC	530575
1600A	NA8-1600H-1600S/4 MO-FX 230VAC	530584
1600A	NA8-1600H-1600S/4 MO-FX 400VAC	530592
1600A	NA8-1600N-1600H/4 MO-FX 230VAC	410957
1600A	NA8-1600N-1600H/4 MO-FX 400VAC	410958
1600A	NA8-1600N-1600H/4 MN-FX 230VAC	410953
1600A	NA8-1600N-1600H/4 MN-FX 400VAC	410954
1600A	NA8-1600N-1600M/4 MO-FX 230VAC	404728
1600A	NA8-1600N-1600M/4 MO-FX 400VAC	404752
1600A	NA8-1600N-1600M/4 MN-FX 230VAC	404734
1600A	NA8-1600N-1600M/4 MN-FX 400VAC	404758
1600A	NA8-1600N-1600S/4 MO-FX 230VAC	530583
1600A	NA8-1600N-1600S/4 MO-FX 400VAC	530591
200A	NA8-1600H-200S/4 MO-FX 230VAC	530488
200A	NA8-1600H-200S/4 MO-FX 400VAC	530496
200A	NA8-1600N-200S/4 MO-FX 230VAC	530487
200A	NA8-1600N-200S/4 MO-FX 400VAC	530495
400A	NA8-1600H-400S/4 MO-FX 230VAC	530504
400A	NA8-1600H-400S/4 MO-FX 400VAC	530512
400A	NA8-1600N-400H/4 MO-FX 230VAC	410973
400A	NA8-1600N-400H/4 MO-FX 400VAC	410974
400A	NA8-1600N-400H/4 MN-FX 230VAC	410969
400A	NA8-1600N-400H/4 MN-FX 400VAC	410970
400A	NA8-1600N-400M/4 MO-FX 230VAC	404723
400A	NA8-1600N-400M/4 MO-FX 400VAC	404747
400A	NA8-1600N-400M/4 MN-FX 230VAC	404729
400A	NA8-1600N-400M/4 MN-FX 400VAC	404753
400A	NA8-1600N-400S/4 MO-FX 230VAC	530503
400A	NA8-1600N-400S/4 MO-FX 400VAC	530511

NA8-1600 Fixed 4P

Rated Current	Description	Code
630A	NA8-1600H-630S/4 MO-FX 230VAC	530520
630A	NA8-1600H-630S/4 MO-FX 400VAC	530528
630A	NA8-1600N-630H/4 MO-FX 230VAC	410985
630A	NA8-1600N-630H/4 MO-FX 400VAC	410986
630A	NA8-1600N-630H/4 MN-FX 230VAC	410981
630A	NA8-1600N-630H/4 MN-FX 400VAC	410982
630A	NA8-1600N-630M/4 MO-FX 230VAC	404724
630A	NA8-1600N-630M/4 MO-FX 400VAC	404748
630A	NA8-1600N-630M/4 MN-FX 230VAC	404730
630A	NA8-1600N-630M/4 MN-FX 400VAC	404754
630A	NA8-1600N-630S/4 MO-FX 230VAC	530519
630A	NA8-1600N-630S/4 MO-FX 400VAC	530527
800A	NA8-1600H-800S/4 MO-FX 230VAC	530536
800A	NA8-1600H-800S/4 MO-FX 400VAC	530544
800A	NA8-1600N-800H/4 MO-FX 230VAC	410997
800A	NA8-1600N-800H/4 MO-FX 400VAC	410998
800A	NA8-1600N-800H/4 MN-FX 230VAC	410993
800A	NA8-1600N-800H/4 MN-FX 400VAC	410994
800A	NA8-1600N-800M/4 MO-FX 230VAC	404725
800A	NA8-1600N-800M/4 MO-FX 400VAC	404749
800A	NA8-1600N-800M/4 MN-FX 230VAC	404731
800A	NA8-1600N-800M/4 MN-FX 400VAC	404755
800A	NA8-1600N-800S/4 MO-FX 230VAC	530535
800A	NA8-1600N-800S/4 MO-FX 400VAC	530543
1000A	NA8-1600N-1000H/4 MO-FX 230VAC	410925
1000A	NA8-1600N-1000H/4 MO-FX 400VAC	410926
1000A	NA8-1600N-1000H/4 MN-FX 230VAC	410921
1000A	NA8-1600N-1000H/4 MN-FX 400VAC	410922
1000A	NA8-1600N-1000M/4 MO-FX 230VAC	404726
1000A	NA8-1600N-1000M/4 MO-FX 400VAC	404750
1000A	NA8-1600N-1000M/4 MN-FX 230VAC	404732
1000A	NA8-1600N-1000M/4 MN-FX 400VAC	404756
1250A	NA8-1600N-1250H/4 MN-FX 230VAC	410937
1250A	NA8-1600N-1250H/4 MN-FX 400VAC	410938
1250A	NA8-1600N-1250M/4 MO-FX 230VAC	404727
1250A	NA8-1600N-1250M/4 MO-FX 400VAC	404751
1250A	NA8-1600N-1250M/4 MN-FX 230VAC	404733
1250A	NA8-1600N-1250M/4 MN-FX 400VAC	404757
400A	NA8-1600H-400H/4 MN-FX 230VAC	530844
630A	NA8-1600H-630H/4 MN-FX 230VAC	530846
800A	NA8-1600H-800H/4 MN-FX 230VAC	530848

NA8-1600 Withdrawable 3P

Rated Current	Description	Code
1000A	NA8-1600H-1000S/3 MO-WD 230VAC	530546
1000A	NA8-1600H-1000S/3 MO-WD 400VAC	530554
1000A	NA8-1600N-1000H/3 MO-WD 230VAC	410919
1000A	NA8-1600N-1000H/3 MO-WD400VAC	410920
1000A	NA8-1600N-1000H/3 MN-WD 230VAC	410915
1000A	NA8-1600N-1000H/3 MN-WD400VAC	410916
1000A	NA8-1600N-1000M/3 MO-WD 230VAC	324228
1000A	NA8-1600N-1000M/3 MO-WD400VAC	404690
1000A	NA8-1600N-1000M/3 MN-WD 230VAC	324234
1000A	NA8-1600N-1000M/3 MN-WD400VAC	404696
1000A	NA8-1600N-1000S/3 MO-WD 230VAC	530545
1000A	NA8-1600N-1000S/3 MO-WD 400VAC	530553
1250A	NA8-1600H-1250M/3 MO-WD 230VAC	529847
1250A	NA8-1600H-1250S/3 MO-WD 230VAC	530562
1250A	NA8-1600H-1250S/3 MO-WD 400VAC	530570
1250A	NA8-1600N-1250H/3 MO-WD 230VAC	410935
1250A	NA8-1600N-1250H/3 MO-WD400VAC	410936
1250A	NA8-1600N-1250H/3 MN-WD 230VAC	410931
1250A	NA8-1600N-1250H/3 MN-WD400VAC	410932
1250A	NA8-1600N-1250M/3 MO-WD 230VAC	324229
1250A	NA8-1600N-1250M/3 MO-WD400VAC	404691
1250A	NA8-1600N-1250M/3 MN-WD 230VAC	324235
1250A	NA8-1600N-1250M/3 MN-WD400VAC	404697
1250A	NA8-1600N-1250S/3 MO-WD 230VAC	530561
1250A	NA8-1600N-1250S/3 MO-WD 400VAC	530569
1600A	NA8-1600H-1600S/3 MO-WD 230VAC	530578
1600A	NA8-1600H-1600S/3 MO-WD 400VAC	530586
1600A	NA8-1600N-1600H/3 MO-WD 230VAC	410951
1600A	NA8-1600N-1600H/3 MO-WD400VAC	410952
1600A	NA8-1600N-1600H/3 MN-WD 230VAC	410947
1600A	NA8-1600N-1600H/3 MN-WD400VAC	410948
1600A	NA8-1600N-1600M/3 MO-WD 230VAC	324230
1600A	NA8-1600N-1600M/3 MO-WD400VAC	404692
1600A	NA8-1600N-1600M/3 MN-WD 230VAC	324236
1600A	NA8-1600N-1600M/3 MN-WD400VAC	404698
1600A	NA8-1600N-1600S/3 MO-WD 230VAC	530577
1600A	NA8-1600N-1600S/3 MO-WD 400VAC	530585
200A	NA8-1600H-200S/3 MO-WD 230VAC	530482
200A	NA8-1600H-200S/3 MO-WD 400VAC	530490

NA8-1600 Withdrawable 3P

Rated Current	Description	Code
200A	NA8-1600N-200S/3 MO-WD 230VAC	530481
200A	NA8-1600N-200S/3 MO-WD 400VAC	530489
400A	NA8-1600H-400S/3 MO-WD 230VAC	530498
400A	NA8-1600H-400S/3 MO-WD 400VAC	530506
400A	NA8-1600N-400H/3 MO-WD400VAC	410968
400A	NA8-1600N-400H/3 MN-WD 230VAC	410963
400A	NA8-1600N-400H/3 MN-WD400VAC	410964
400A	NA8-1600N-400M/3 MO-WD400VAC	404687
400A	NA8-1600N-400M/3 MN-WD 230VAC	324231
400A	NA8-1600N-400M/3 MN-WD400VAC	404693
400A	NA8-1600N-400S/3 MO-WD 230VAC	530497
400A	NA8-1600N-400S/3 MO-WD 400VAC	530505
630A	NA8-1600H-630S/3 MO-WD 230VAC	530514
630A	NA8-1600H-630S/3 MO-WD 400VAC	530522
630A	NA8-1600N-630H/3 MO-WD 230VAC	410908
630A	NA8-1600N-630H/3 MN-WD 230VAC	410906
630A	NA8-1600N-630M/3 MO-WD 230VAC	324226
630A	NA8-1600N-630M/3 MN-WD 230VAC	324232
630A	NA8-1600N-630H/3 MO-WD400VAC	410980
630A	NA8-1600N-630H/3 MN-WD400VAC	410978
630A	NA8-1600N-630M/3 MO-WD400VAC	404688
630A	NA8-1600N-630M/3 MN-WD400VAC	404694
630A	NA8-1600N-630S/3 MO-WD 230VAC	530513
630A	NA8-1600N-630S/3 MO-WD 400VAC	530521
800A	NA8-1600H-800S/3 MO-WD 230VAC	530530
800A	NA8-1600H-800S/3 MO-WD 400VAC	530538
800A	NA8-1600N-800H/3 MO-WD 230VAC	410912
800A	NA8-1600N-800H/3 MN-WD 230VAC	410910
800A	NA8-1600N-800M/3 MO-WD 230VAC	324227
800A	NA8-1600N-800M/3 MN-WD 230VAC	324233
800A	NA8-1600N-800H/3 MO-WD400VAC	410992
800A	NA8-1600N-800H/3 MN-WD400VAC	410990
800A	NA8-1600N-800M/3 MO-WD400VAC	404689
800A	NA8-1600N-800M/3 MN-WD400VAC	404695
800A	NA8-1600N-800S/3 MO-WD 230VAC	530529
800A	NA8-1600N-800S/3 MO-WD 400VAC	530537
400A	NA8-1600N-400H/3 MO-WD 230VAC	410967
400A	NA8-1600N-400M/3 MO-WD 230VAC	324225

NA8-1600 Withdrawable 4P

Rated Current	Description	Code
1000A	NA8-1600H-1000M/4 MO-WD 230VAC	520740
1000A	NA8-1600H-1000M/4 MN-WD 230VAC	520738
1000A	NA8-1600H-1000S/4 MO-WD 230VAC	530548
1000A	NA8-1600H-1000S/4 MO-WD 400VAC	530556
1000A	NA8-1600N-1000H/4 MO-WD 230VAC	410927
1000A	NA8-1600N-1000H/4 MO-WD400VAC	410928
1000A	NA8-1600N-1000H/4 MN-WD 230VAC	410923
1000A	NA8-1600N-1000H/4 MN-WD400VAC	410924
1000A	NA8-1600N-1000M/4 MO-WD 230VAC	404714
1000A	NA8-1600N-1000M/4 MO-WD400VAC	404738
1000A	NA8-1600N-1000M/4 MN-WD 230VAC	404720
1000A	NA8-1600N-1000M/4 MN-WD400VAC	404744
1000A	NA8-1600N-1000S/4 MO-WD 230VAC	530547
1000A	NA8-1600N-1000S/4 MO-WD 400VAC	530555
1250A	NA8-1600H-1250S/4 MO-WD 230VAC	530564
1250A	NA8-1600H-1250S/4 MO-WD 400VAC	530572
1250A	NA8-1600N-1250H/4 MO-WD 230VAC	410943
1250A	NA8-1600N-1250H/4 MO-WD400VAC	410944
1250A	NA8-1600N-1250H/4 MN-WD 230VAC	410939
1250A	NA8-1600N-1250H/4 MN-WD400VAC	410940
1250A	NA8-1600N-1250M/4 MO-WD 230VAC	404715
1250A	NA8-1600N-1250M/4 MO-WD400VAC	404739
1250A	NA8-1600N-1250M/4 MN-WD 230VAC	404721
1250A	NA8-1600N-1250M/4 MN-WD400VAC	404745
1250A	NA8-1600N-1250S/4 MO-WD 230VAC	530563
1250A	NA8-1600N-1250S/4 MO-WD 400VAC	530571
1600A	NA8-1600H-1600S/4 MO-WD 230VAC	530580
1600A	NA8-1600H-1600S/4 MO-WD 400VAC	530588
1600A	NA8-1600N-1600H/4 MO-WD 230VAC	410959
1600A	NA8-1600N-1600H/4 MO-WD400VAC	410960
1600A	NA8-1600N-1600H/4 MN-WD 230VAC	410955
1600A	NA8-1600N-1600H/4 MN-WD400VAC	410956
1600A	NA8-1600N-1600M/4 MO-WD 230VAC	404716
1600A	NA8-1600N-1600M/4 MO-WD400VAC	404740
1600A	NA8-1600N-1600M/4 MN-WD 230VAC	404722
1600A	NA8-1600N-1600M/4 MN-WD400VAC	404746
1600A	NA8-1600N-1600S/4 MO-WD 230VAC	530579
1600A	NA8-1600N-1600S/4 MO-WD 400VAC	530587
200A	NA8-1600H-200S/4 MO-WD 230VAC	530484
200A	NA8-1600H-200S/4 MO-WD 400VAC	530492

NA8-1600 Withdrawable 4P

Rated Current	Description	Code
200A	NA8-1600N-200H/4 MO-WD 230VAC	524729
200A	NA8-1600N-200M/4 MO-WD 230VAC	524559
200A	NA8-1600N-200S/4 MO-WD 230VAC	530483
200A	NA8-1600N-200S/4 MO-WD 400VAC	530491
400A	NA8-1600H-400S/4 MO-WD 230VAC	530500
400A	NA8-1600H-400S/4 MO-WD 400VAC	530508
400A	NA8-1600N-400H/4 MO-WD 230VAC	410975
400A	NA8-1600N-400H/4 MO-WD400VAC	410976
400A	NA8-1600N-400H/4 MN-WD 230VAC	410971
400A	NA8-1600N-400H/4 MN-WD400VAC	410972
400A	NA8-1600N-400M/4 MO-WD 230VAC	404711
400A	NA8-1600N-400M/4 MO-WD400VAC	404735
400A	NA8-1600N-400M/4 MN-WD 230VAC	404717
400A	NA8-1600N-400M/4 MN-WD400VAC	404741
400A	NA8-1600N-400S/4 MO-WD 230VAC	530499
400A	NA8-1600N-400S/4 MO-WD 400VAC	530507
630A	NA8-1600H-630S/4 MO-WD 230VAC	530516
630A	NA8-1600H-630S/4 MO-WD 400VAC	530524
630A	NA8-1600N-630H/4 MO-WD 230VAC	410987
630A	NA8-1600N-630H/4 MO-WD400VAC	410988
630A	NA8-1600N-630H/4 MN-WD 230VAC	410983
630A	NA8-1600N-630H/4 MN-WD400VAC	410984
630A	NA8-1600N-630M/4 MO-WD 230VAC	404712
630A	NA8-1600N-630M/4 MO-WD400VAC	404736
630A	NA8-1600N-630M/4 MN-WD 230VAC	404718
630A	NA8-1600N-630M/4 MN-WD400VAC	404742
630A	NA8-1600N-630S/4 MO-WD 230VAC	530515
630A	NA8-1600N-630S/4 MO-WD 400VAC	530523
800A	NA8-1600H-800S/4 MO-WD 230VAC	530532
800A	NA8-1600H-800S/4 MO-WD 400VAC	530540
800A	NA8-1600N-800H/4 MO-WD 230VAC	410999
800A	NA8-1600N-800H/4 MO-WD400VAC	411001
800A	NA8-1600N-800H/4 MN-WD 230VAC	410995
800A	NA8-1600N-800H/4 MN-WD400VAC	410996
800A	NA8-1600N-800M/4 MO-WD 230VAC	404713
800A	NA8-1600N-800M/4 MO-WD400VAC	404737
800A	NA8-1600N-800M/4 MN-WD 230VAC	404719
800A	NA8-1600N-800M/4 MN-WD400VAC	404743
800A	NA8-1600N-800S/4 MO-WD 230VAC	530531
800A	NA8-1600N-800S/4 MO-WD 400VAC	530539

NA8-2500 Fixed 3P

Rated Current	Description	Code
1000A	NA8-2500H-1000H/3 MO-FX 230VAC	262490
1000A	NA8-2500H-1000H/3 MO-FX 400VAC	262511
1000A	NA8-2500H-1000H/3 MO-FX 220VDC	262532
1000A	NA8-2500H-1000H/3 MN-FX 230VAC	262488
1000A	NA8-2500H-1000H/3 MN-FX 400VAC	262509
1000A	NA8-2500H-1000H/3 MN-FX 220VDC	262530
1000A	NA8-2500H-1000M/3 MO-FX 230VAC	262427
1000A	NA8-2500H-1000M/3 MO-FX 400VAC	262448
1000A	NA8-2500H-1000M/3 MO-FX 220VDC	262469
1000A	NA8-2500H-1000M/3 MN-FX 230VAC	262425
1000A	NA8-2500H-1000M/3 MN-FX 400VAC	262446
1000A	NA8-2500H-1000M/3 MN-FX 220VDC	262467
1000A	NA8-2500HU-1000H/3 MO-FX AC230V	397368
1000A	NA8-2500HU-1000H/3P MO-FX DC48V	513096
1000A	NA8-2500HU-1000H/3 MN-FX 230VAC	397366
1000A	NA8-2500HU-1000M/3 MO-FX AC230V	397364
1000A	NA8-2500HU-1000M/3 MN-FX 230VAC	397362
1000A	NA8-2500N-1000H/3 MO-FX 400VAC	395563
1000A	NA8-2500N-1000H/3 MN-FX 230VAC	525289
1000A	NA8-2500N-1000H/3 MN-FX 400VAC	395564
1000A	NA8-2500N-1000M/3 MO-FX AC230VAC	442246
1000A	NA8-2500N-1000M/3 MO-FX 400VAC	395576
1000A	NA8-2500N-1000M/3 MN-FX 400VAC	395577
1250A	NA8-2500H-1250H/3 MO-FX 230VAC	262493
1250A	NA8-2500H-1250H/3 MO-FX 400VAC	262514
1250A	NA8-2500H-1250H/3 MO-FX 220VDC	262535
1250A	NA8-2500H-1250H/3 MN-FX 230VAC	262491
1250A	NA8-2500H-1250H/3 MN-FX 400VAC	262512
1250A	NA8-2500H-1250H/3 MN-FX 220VDC	262533
1250A	NA8-2500H-1250M/3 MO-FX 230VAC	262430
1250A	NA8-2500H-1250M/3 MO-FX 400VAC	262451
1250A	NA8-2500H-1250M/3 MO-FX 220VDC	262472
1250A	NA8-2500H-1250M/3 MN-FX 230VAC	262428
1250A	NA8-2500H-1250M/3 MN-FX 400VAC	262449
1250A	NA8-2500H-1250M/3 MN-FX 220VDC	262470
1250A	NA8-2500HU-1250H/3 MO-FX AC230V	397360
1250A	NA8-2500HU-1250H/3P MO-FX DC48V	513097
1250A	NA8-2500HU-1250H/3 MN-FX 230VAC	397358
1250A	NA8-2500HU-1250M/3 MO-FX AC230V	397356
1250A	NA8-2500HU-1250M/3 MN-FX 230VAC	397354

NA8-2500 Fixed 3P

Rated Current	Description	Code
1250A	NA8-2500N-1250H/3 MO-FX 400VAC	395589
1250A	NA8-2500N-1250H/3 MN-FX 400VAC	395590
1250A	NA8-2500N-1250H/3 MN-FX 230VAC	525290
1250A	NA8-2500N-1250M/3 MO-FX 400VAC	395602
1250A	NA8-2500N-1250M/3 MO-FX AC230VAC	442247
1250A	NA8-2500N-1250M/3 MN-FX 400VAC	395603
1600A	NA8-2500H-1600H/3 MO-FX 230VAC	262496
1600A	NA8-2500H-1600H/3 MO-FX 400VAC	262517
1600A	NA8-2500H-1600H/3 MO-FX 220VDC	262538
1600A	NA8-2500H-1600H/3 MN-FX 230VAC	262494
1600A	NA8-2500H-1600H/3 MN-FX 400VAC	262515
1600A	NA8-2500H-1600H/3 MN-FX 220VDC	262536
1600A	NA8-2500H-1600M/3 MO-FX 230VAC	262433
1600A	NA8-2500H-1600M/3 MO-FX 400VAC	262454
1600A	NA8-2500H-1600M/3 MO-FX 220VDC	262475
1600A	NA8-2500H-1600M/3 MN-FX 230VAC	262431
1600A	NA8-2500H-1600M/3 MN-FX 400VAC	262452
1600A	NA8-2500H-1600M/3 MN-FX 220VDC	262473
1600A	NA8-2500HU-1600H/3 MO-FX AC230V	397352
1600A	NA8-2500HU-1600H/3P MO-FX DC48V	513098
1600A	NA8-2500HU-1600H/3 MN-FX 230VAC	397350
1600A	NA8-2500HU-1600M/3 MO-FX AC230V	397348
1600A	NA8-2500HU-1600M/3 MN-FX 230VAC	397346
1600A	NA8-2500N-1600H/3 MO-FX 400VAC	395615
1600A	NA8-2500N-1600H/3 MN-FX 400VAC	395616
1600A	NA8-2500N-1600H/3 MN-FX 230VAC	525291
1600A	NA8-2500N-1600M/3 MO-FX 400VAC	395628
1600A	NA8-2500N-1600M/3 MO-FX AC230VAC	442248
1600A	NA8-2500N-1600M/3 MN-FX 400VAC	395629
2000A	NA8-2500H-2000H/3 MO-FX 230VAC	262499
2000A	NA8-2500H-2000H/3 MO-FX 400VAC	262520
2000A	NA8-2500H-2000H/3 MO-FX 220VDC	262541
2000A	NA8-2500H-2000H/3 MN-FX 230VAC	262497
2000A	NA8-2500H-2000H/3 MN-FX 400VAC	262518
2000A	NA8-2500H-2000H/3 MN-FX 220VDC	262539
2000A	NA8-2500H-2000M/3P MO-FX DC24V	276291
2000A	NA8-2500H-2000M/3 MO-FX 230VAC	262436
2000A	NA8-2500H-2000M/3 MO-FX 400VAC	262457
2000A	NA8-2500H-2000M/3 MO-FX 220VDC	262478
2000A	NA8-2500H-2000M/3 MN-FX 230VAC	262434

NA8-2500 Fixed 3P

Rated Current	Description	Code
2000A	NA8-2500H-2000M/3 MN-FX 400VAC	262455
2000A	NA8-2500H-2000M/3 MN-FX 220VDC	262476
2000A	NA8-2500HU-2000H/3 MO-FX AC230V	397344
2000A	NA8-2500HU-2000H/3P MO-FX DC48V	513099
2000A	NA8-2500HU-2000H/3 MN-FX 230VAC	397342
2000A	NA8-2500HU-2000M/3 MO-FX AC230V	397340
2000A	NA8-2500HU-2000M/3 MN-FX 230VAC	397338
2000A	NA8-2500N-2000H/3 MO-FX 230VAC	504574
2000A	NA8-2500N-2000H/3 MO-FX 400VAC	395641
2000A	NA8-2500N-2000H/3 MN-FX 400VAC	395642
2000A	NA8-2500N-2000H/3 MN-FX 230VAC	525292
2000A	NA8-2500N-2000M/3 MO-FX DC24V	395654
2000A	NA8-2500N-2000M/3 MO-FX 400VAC	395655
2000A	NA8-2500N-2000M/3 MO-FX AC230VAC	442249
2000A	NA8-2500N-2000M/3 MN-FX 400VAC	395656
2500A	NA8-2500H-2500H/3 MO-FX 230VAC	262502
2500A	NA8-2500H-2500H/3 MO-FX 400VAC	262523
2500A	NA8-2500H-2500H/3 MO-FX 220VDC	262544
2500A	NA8-2500H-2500H/3 MN-FX 230VAC	262500
2500A	NA8-2500H-2500H/3 MN-FX 400VAC	262521
2500A	NA8-2500H-2500H/3 MN-FX 220VDC	262542
2500A	NA8-2500H-2500M/3 MO-FX 230VAC	262439
2500A	NA8-2500H-2500M/3 MO-FX 400VAC	262460
2500A	NA8-2500H-2500M/3 MO-FX 110VDC	512557
2500A	NA8-2500H-2500M/3 MO-FX 220VDC	262481
2500A	NA8-2500H-2500M/3 MN-FX 230VAC	262437
2500A	NA8-2500H-2500M/3 MN-FX 400VAC	262458
2500A	NA8-2500H-2500M/3 MN-FX 220VDC	262479
2500A	NA8-2500H-2500S/3 MO-FX 400VAC	530593
2500A	NA8-2500HU-2500H/3 MO-FX AC230V	397336
2500A	NA8-2500HU-2500H/3P MO-FX DC48V	513100
2500A	NA8-2500HU-2500H/3 MN-FX 230VAC	397334
2500A	NA8-2500HU-2500M/3 MO-FX AC230V	397332
2500A	NA8-2500HU-2500M/3 MN-FX 230VAC	397330
2500A	NA8-2500N-2500H/3 MO-FX 400VAC	395668
2500A	NA8-2500N-2500H/3 MN-FX 400VAC	395669
2500A	NA8-2500N-2500H/3 MN-FX 230VAC	525293
2500A	NA8-2500N-2500M/3 MO-FX 400VAC	395681
2500A	NA8-2500N-2500M/3 MO-FX AC230VAC	442250
2500A	NA8-2500N-2500M/3 MN-FX 400VAC	395682
630A	NA8-2500H-630H/3 MO-FX 230VAC	262484

NA8-2500 Fixed 3P

Rated Current	Description	Code
630A	NA8-2500H-630H/3 MO-FX 400VAC	262505
630A	NA8-2500H-630H/3 MO-FX 220VDC	262526
630A	NA8-2500H-630H/3 MN-FX 230VAC	262482
630A	NA8-2500H-630H/3 MN-FX 400VAC	262503
630A	NA8-2500H-630H/3 MN-FX 220VDC	262524
630A	NA8-2500H-630M/3 MO-FX 230VAC	262421
630A	NA8-2500H-630M/3 MO-FX 400VAC	262442
630A	NA8-2500H-630M/3 MO-FX 220VDC	262463
630A	NA8-2500H-630M/3 MN-FX 230VAC	262419
630A	NA8-2500H-630M/3 MN-FX 400VAC	262440
630A	NA8-2500H-630M/3 MN-FX 220VDC	262461
630A	NA8-2500HU-630M/3 MO-FX 230VAC	522175
630A	NA8-2500HU-630M/3 MN-FX 230VAC	522174
630A	NA8-2500N-630H/3 MN-FX 230VAC	525294
800A	NA8-2500H-800H/3 MO-FX 230VAC	262487
800A	NA8-2500H-800H/3 MO-FX 400VAC	262508
800A	NA8-2500H-800H/3 MO-FX 220VDC	262529
800A	NA8-2500H-800H/3 MN-FX 230VAC	262485
800A	NA8-2500H-800H/3 MN-FX 400VAC	262506
800A	NA8-2500H-800H/3 MN-FX 220VDC	262527
800A	NA8-2500H-800M/3 MO-FX 230VAC	262424
800A	NA8-2500H-800M/3 MO-FX 400VAC	262445
800A	NA8-2500H-800M/3 MO-FX 220VDC	262466
800A	NA8-2500H-800M/3 MN-FX 230VAC	262422
800A	NA8-2500H-800M/3 MN-FX 400VAC	262443
800A	NA8-2500H-800M/3 MN-FX 220VDC	262464
800A	NA8-2500HU-800H/3 MO-FX AC230V	397376
800A	NA8-2500HU-800H/3P MO-FX DC48V	513095
800A	NA8-2500HU-800H/3 MN-FX 230VAC	397374
800A	NA8-2500HU-800M/3 MO-FX AC230V	397372
800A	NA8-2500HU-800M/3 MN-FX 230VAC	397370
800A	NA8-2500N-800H/3 MN-FX 230VAC	530821

NA8-2500 Fixed 4P

Rated Current	Description	Code
1000A	NA8-2500H-1000H/4 MO-FX 230VAC	262616
1000A	NA8-2500H-1000H/4 MO-FX 400VAC	262637
1000A	NA8-2500H-1000H/4 MO-FX 220VDC	262658
1000A	NA8-2500H-1000H/4 MN-FX 230VAC	262614
1000A	NA8-2500H-1000H/4 MN-FX 400VAC	262635
1000A	NA8-2500H-1000H/4 MN-FX 220VDC	262656
1000A	NA8-2500H-1000M/4 MO-FX 230VAC	262553
1000A	NA8-2500H-1000M/4 MO-FX 400VAC	262574
1000A	NA8-2500H-1000M/4 MO-FX 220VDC	262595

NA8-2500 Fixed 4P

Rated Current	Description	Code
1000A	NA8-2500H-1000M/4 MN-FX 230VAC	262551
1000A	NA8-2500H-1000M/4 MN-FX 400VAC	262572
1000A	NA8-2500H-1000M/4 MN-FX 220VDC	262593
1000A	NA8-2500HU-1000H/4 MO-FX AC230V	406140
1000A	NA8-2500HU-1000H/4 MN-FX 230VAC	406138
1000A	NA8-2500HU-1000M/4 MO-FX AC230V	406144
1000A	NA8-2500HU-1000M/4 MN-FX 230VAC	406142
1000A	NA8-2500N-1000H/4 MO-FX 230VAC	395568
1000A	NA8-2500N-1000H/4 MO-FX 400VAC	395569
1000A	NA8-2500N-1000H/4 MO-FX 220VDC	395570
1000A	NA8-2500N-1000H/4 MN-FX 230VAC	395572
1000A	NA8-2500N-1000H/4 MN-FX 400VAC	395573
1000A	NA8-2500N-1000H/4 MN-FX 220VDC	395574
1000A	NA8-2500N-1000M/4 MO-FX 230VAC	395581
1000A	NA8-2500N-1000M/4 MO-FX 400VAC	395582
1000A	NA8-2500N-1000M/4 MO-FX 220VDC	395583
1000A	NA8-2500N-1000M/4 MN-FX 230VAC	395585
1000A	NA8-2500N-1000M/4 MN-FX 400VAC	395586
1000A	NA8-2500N-1000M/4 MN-FX 220VDC	395587
1250A	NA8-2500H-1250H/4 MO-FX 230VAC	262619
1250A	NA8-2500H-1250H/4 MO-FX 400VAC	262640
1250A	NA8-2500H-1250H/4 MO-FX 220VDC	262661
1250A	NA8-2500H-1250H/4 MN-FX 230VAC	262617
1250A	NA8-2500H-1250H/4 MN-FX 400VAC	262638
1250A	NA8-2500H-1250H/4 MN-FX 220VDC	262659
1250A	NA8-2500H-1250M/4 MO-FX 230VAC	262556
1250A	NA8-2500H-1250M/4 MO-FX 400VAC	262577
1250A	NA8-2500H-1250M/4 MO-FX 220VDC	262598
1250A	NA8-2500H-1250M/4 MN-FX 230VAC	262554
1250A	NA8-2500H-1250M/4 MN-FX 400VAC	262575
1250A	NA8-2500H-1250M/4 MN-FX 220VDC	262596
1250A	NA8-2500HU-1250H/4 MO-FX AC230V	406148
1250A	NA8-2500HU-1250H/4 MN-FX 230VAC	406146
1250A	NA8-2500HU-1250M/4 MO-FX AC230V	406152
1250A	NA8-2500HU-1250M/4 MN-FX 230VAC	406150
1250A	NA8-2500N-1250H/4 MO-FX 230VAC	395594
1250A	NA8-2500N-1250H/4 MO-FX 400VAC	395595
1250A	NA8-2500N-1250H/4 MO-FX 220VDC	395596
1250A	NA8-2500N-1250H/4 MN-FX 230VAC	395598
1250A	NA8-2500N-1250H/4 MN-FX 400VAC	395599
1250A	NA8-2500N-1250H/4 MN-FX 220VDC	395600

NA8-2500 Fixed 4P

Rated Current	Description	Code
1250A	NA8-2500N-1250M/4 MO-FX 230VAC	395607
1250A	NA8-2500N-1250M/4 MO-FX 400VAC	395608
1250A	NA8-2500N-1250M/4 MO-FX 220VDC	395609
1250A	NA8-2500N-1250M/4 MN-FX 230VAC	395611
1250A	NA8-2500N-1250M/4 MN-FX 400VAC	395612
1250A	NA8-2500N-1250M/4 MN-FX 220VDC	395613
1600A	NA8-2500H-1600H/4 MO-FX 230VAC	262622
1600A	NA8-2500H-1600H/4 MO-FX 400VAC	262643
1600A	NA8-2500H-1600H/4 MO-FX 220VDC	262664
1600A	NA8-2500H-1600H/4 MN-FX 230VAC	262620
1600A	NA8-2500H-1600H/4 MN-FX 400VAC	262641
1600A	NA8-2500H-1600H/4 MN-FX 220VDC	262662
1600A	NA8-2500H-1600M/4 MO-FX 230VAC	262559
1600A	NA8-2500H-1600M/4 MO-FX 400VAC	262580
1600A	NA8-2500H-1600M/4 MO-FX 220VDC	262601
1600A	NA8-2500H-1600M/4 MN-FX 230VAC	262557
1600A	NA8-2500H-1600M/4 MN-FX 400VAC	262578
1600A	NA8-2500H-1600M/4 MN-FX 220VDC	262599
1600A	NA8-2500HU-1600H/4 MO-FX AC230V	406156
1600A	NA8-2500HU-1600H/4 MN-FX 230VAC	406154
1600A	NA8-2500HU-1600M/4 MO-FX AC230V	406160
1600A	NA8-2500HU-1600M/4 MN-FX 230VAC	406158
1600A	NA8-2500N-1600H/4 MO-FX 230VAC	395620
1600A	NA8-2500N-1600H/4 MO-FX 400VAC	395621
1600A	NA8-2500N-1600H/4 MO-FX 220VDC	395622
1600A	NA8-2500N-1600H/4 MN-FX 230VAC	395624
1600A	NA8-2500N-1600H/4 MN-FX 400VAC	395625
1600A	NA8-2500N-1600H/4 MN-FX 220VDC	395626
1600A	NA8-2500N-1600M/4 MO-FX 230VAC	395633
1600A	NA8-2500N-1600M/4 MO-FX 400VAC	395634
1600A	NA8-2500N-1600M/4 MO-FX 220VDC	395635
1600A	NA8-2500N-1600M/4 MN-FX 230VAC	395637
1600A	NA8-2500N-1600M/4 MN-FX 400VAC	395638
1600A	NA8-2500N-1600M/4 MN-FX 220VDC	395639
2000A	NA8-2500H-2000H/4 MO-FX 230VAC	262625
2000A	NA8-2500H-2000H/4 MO-FX 400VAC	262646
2000A	NA8-2500H-2000H/4 MO-FX 220VDC	262667
2000A	NA8-2500H-2000H/4 MN-FX 230VAC	262623
2000A	NA8-2500H-2000H/4 MN-FX 400VAC	262644
2000A	NA8-2500H-2000H/4 MN-FX 220VDC	262665
2000A	NA8-2500H-2000M/4 MO-FX 230VAC	262562

NA8-2500 Fixed 4P

Rated Current	Description	Code
2000A	NA8-2500H-2000M/4 MO-FX 400VAC	262583
2000A	NA8-2500H-2000M/4 MO-FX 220VDC	262604
2000A	NA8-2500H-2000M/4 MN-FX 230VAC	262560
2000A	NA8-2500H-2000M/4 MN-FX 400VAC	262581
2000A	NA8-2500H-2000M/4 MN-FX 220VDC	262602
2000A	NA8-2500HU-2000H/4 MO-FX AC230V	406164
2000A	NA8-2500HU-2000H/4 MN-FX 230VAC	406162
2000A	NA8-2500HU-2000M/4 MO-FX AC230V	406168
2000A	NA8-2500HU-2000M/4 MN-FX 230VAC	406166
2000A	NA8-2500N-2000H/4 MO-FX 230VAC	395646
2000A	NA8-2500N-2000H/4 MO-FX 400VAC	395647
2000A	NA8-2500N-2000H/4 MO-FX 220VDC	395648
2000A	NA8-2500N-2000H/4 MN-FX 230VAC	395650
2000A	NA8-2500N-2000H/4 MN-FX 400VAC	395651
2000A	NA8-2500N-2000H/4 MN-FX 220VDC	395652
2000A	NA8-2500N-2000M/4 MO-FX 230VAC	395660
2000A	NA8-2500N-2000M/4 MO-FX 400VAC	395661
2000A	NA8-2500N-2000M/4 MO-FX 220VDC	395662
2000A	NA8-2500N-2000M/4 MN-FX 230VAC	395664
2000A	NA8-2500N-2000M/4 MN-FX 400VAC	395665
2000A	NA8-2500N-2000M/4 MN-FX 220VDC	395666
2500A	NA8-2500H-2500H/4 MO-FX 230VAC	262628
2500A	NA8-2500H-2500H/4 MO-FX 400VAC	262649
2500A	NA8-2500H-2500H/4 MO-FX 220VDC	262670
2500A	NA8-2500H-2500H/4 MN-FX 230VAC	262626
2500A	NA8-2500H-2500H/4 MN-FX 400VAC	262647
2500A	NA8-2500H-2500H/4 MN-FX 220VDC	262668
2500A	NA8-2500H-2500M/4 MO-FX 230VAC	262565
2500A	NA8-2500H-2500M/4 MO-FX 400VAC	262586
2500A	NA8-2500H-2500M/4 MO-FX 220VDC	262607
2500A	NA8-2500H-2500M/4P MN-FX DC24V	276290
2500A	NA8-2500H-2500M/4 MN-FX 230VAC	262563
2500A	NA8-2500H-2500M/4 MN-FX 400VAC	262584
2500A	NA8-2500H-2500M/4 MN-FX 220VDC	262605
2500A	NA8-2500HU-2500H/4 MO-FX AC230V	406172
2500A	NA8-2500HU-2500H/4 MN-FX 230VAC	406170
2500A	NA8-2500HU-2500M/4 MO-FX AC230V	406176
2500A	NA8-2500HU-2500M/4 MN-FX 230VAC	406174
2500A	NA8-2500N-2500H/4 MO-FX 230VAC	395673
2500A	NA8-2500N-2500H/4 MO-FX 400VAC	395674
2500A	NA8-2500N-2500H/4 MO-FX 220VDC	395675

NA8-2500 Fixed 4P

Rated Current	Description	Code
2500A	NA8-2500N-2500H/4 MN-FX 230VAC	395677
2500A	NA8-2500N-2500H/4 MN-FX 400VAC	395678
2500A	NA8-2500N-2500H/4 MN-FX 220VDC	395679
2500A	NA8-2500N-2500M/4 MO-FX 230VAC	395686
2500A	NA8-2500N-2500M/4 MO-FX 400VAC	395687
2500A	NA8-2500N-2500M/4 MO-FX 220VDC	395688
2500A	NA8-2500N-2500M/4 MN-FX DC24V	395690
2500A	NA8-2500N-2500M/4 MN-FX 230VAC	395691
2500A	NA8-2500N-2500M/4 MN-FX 400VAC	395692
2500A	NA8-2500N-2500M/4 MN-FX 220VDC	395693
630A	NA8-2500H-630H/4 MO-FX 230VAC	262610
630A	NA8-2500H-630H/4 MO-FX 400VAC	262631
630A	NA8-2500H-630H/4 MO-FX 220VDC	262652
630A	NA8-2500H-630H/4 MN-FX 230VAC	262608
630A	NA8-2500H-630H/4 MN-FX 400VAC	262629
630A	NA8-2500H-630H/4 MN-FX 220VDC	262650
630A	NA8-2500H-630M/4 MO-FX 230VAC	262547
630A	NA8-2500H-630M/4 MO-FX 400VAC	262568
630A	NA8-2500H-630M/4 MO-FX 220VDC	262589
630A	NA8-2500H-630M/4 MN-FX 230VAC	262545
630A	NA8-2500H-630M/4 MN-FX 400VAC	262566
630A	NA8-2500H-630M/4 MN-FX 220VDC	262587
630A	NA8-2500HU-630M/4 MO-FX 230VAC	522179
630A	NA8-2500HU-630M/4 MN-FX 230VAC	522178
630A	NA8-2500N-630H/4 MN-FX 230VAC	530820
800A	NA8-2500H-800H/4 MO-FX 230VAC	262613
800A	NA8-2500H-800H/4 MO-FX 400VAC	262634
800A	NA8-2500H-800H/4 MO-FX 220VDC	262655
800A	NA8-2500H-800H/4 MN-FX 230VAC	262611
800A	NA8-2500H-800H/4 MN-FX 400VAC	262632
800A	NA8-2500H-800H/4 MN-FX 220VDC	262653
800A	NA8-2500H-800M/4 MO-FX 230VAC	262550
800A	NA8-2500H-800M/4 MO-FX 400VAC	262571
800A	NA8-2500H-800M/4 MO-FX 220VDC	262592
800A	NA8-2500H-800M/4 MN-FX 230VAC	262548
800A	NA8-2500H-800M/4 MN-FX 400VAC	262569
800A	NA8-2500H-800M/4 MN-FX 220VDC	262590
800A	NA8-2500HU-800H/4 MO-FX AC230V	406180
800A	NA8-2500HU-800H/4 MN-FX 230VAC	406178
800A	NA8-2500HU-800M/4 MO-FX AC230V	406184
800A	NA8-2500HU-800M/4 MN-FX 230VAC	406182
800A	NA8-2500N-800H/4 MN-FX 230VAC	530842

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
1000A	NA8-2500H-1000H/3 MN-WD 230VAC	264235
1000A	NA8-2500H-1000M/3 MN-WD 230VAC	264228
1000A	NA8-2500HU-1000H/3 MN-WD AC230V	397369
1000A	NA8-2500HU-1000M/3 MN-WD AC230V	397365
1000A	NA8-2500N-1000H/3 MN-WD 230VAC	530826
1000A	NA8-2500H-1000H/3 MO-WD 230VAC	262489
1000A	NA8-2500H-1000H/3 MO-WD 400VAC	262510
1000A	NA8-2500H-1000H/3 MO-WD 220VDC	262531
1000A	NA8-2500H-1000M/3 MO-WD 230VAC	262426
1000A	NA8-2500H-1000M/3 MO-WD 400VAC	262447
1000A	NA8-2500H-1000M/3 MO-WD 220VDC	262468
1000A	NA8-2500HU-1000H/3 MO-WD 230VAC	397367
1000A	NA8-2500HU-1000M/3 MO-WD 230VAC	397363
1000A	NA8-2500N-1000H/3 MO-WD 400VAC	395562
1000A	NA8-2500N-1000M/3 MO-WD 400VAC	395575

NA8-2500 Withdrawable 4P

Rated Current	Description	Code
1000A	NA8-2500H-1000H/4 MO-WD 230VAC	262615
1000A	NA8-2500H-1000H/4 MO-WD 400VAC	262636
1000A	NA8-2500H-1000H/4 MO-WD 220VDC	262657
1000A	NA8-2500H-1000H/4 MN-WD 230VAC	264249
1000A	NA8-2500H-1000M/4 MO-WD 230VAC	262552
1000A	NA8-2500H-1000M/4 MO-WD 400VAC	262573
1000A	NA8-2500H-1000M/4 MO-WD 220VDC	262594
1000A	NA8-2500H-1000M/4 MN-WD 230VAC	264242
1000A	NA8-2500HU-1000H/4 MO-WD 230VAC	406141
1000A	NA8-2500HU-1000H/4 MN-WD AC230V	406139
1000A	NA8-2500HU-1000M/4 MO-WD 230VAC	406145
1000A	NA8-2500HU-1000M/4 MN-WD AC230V	406143
1000A	NA8-2500N-1000H/4 MO-WD 230VAC	395565
1000A	NA8-2500N-1000H/4 MO-WD 400VAC	395566
1000A	NA8-2500N-1000H/4 MO-WD 220VDC	395567
1000A	NA8-2500N-1000H/4 MN-WD 230VAC	395571
1000A	NA8-2500N-1000M/4 MO-WD 230VAC	395578
1000A	NA8-2500N-1000M/4 MO-WD 400VAC	395579
1000A	NA8-2500N-1000M/4 MO-WD 220VDC	395580
1000A	NA8-2500N-1000M/4 MN-WD 230VAC	395584

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
1250A	NA8-2500H-1250H/3 MN-WD 230VAC	264236
1250A	NA8-2500H-1250M/3 MN-WD 230VAC	264229
1250A	NA8-2500HU-1250H/3 MN-WD AC230V	397361
1250A	NA8-2500HU-1250M/3 MN-WD AC230V	397357

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
1250A	NA8-2500N-1250H/3 MN-WD 230VAC	530827
1250A	NA8-2500H-1250H/3 MO-WD 230VAC	262492
1250A	NA8-2500H-1250H/3 MO-WD 400VAC	262513
1250A	NA8-2500H-1250H/3 MO-WD 220VDC	262534
1250A	NA8-2500H-1250M/3 MO-WD 230VAC	262429
1250A	NA8-2500H-1250M/3 MO-WD 400VAC	262450
1250A	NA8-2500H-1250M/3 MO-WD 220VDC	262471
1250A	NA8-2500HU-1250H/3 MO-WD 230VAC	397359
1250A	NA8-2500HU-1250M/3 MO-WD 230VAC	397355
1250A	NA8-2500N-1250H/3 MO-WD 400VAC	395588
1250A	NA8-2500N-1250M/3 MO-WD 400VAC	395601

NA8-2500 Withdrawable 4P

Rated Current	Description	Code
1250A	NA8-2500H-1250H/4 MO-WD 230VAC	262618
1250A	NA8-2500H-1250H/4 MO-WD 400VAC	262639
1250A	NA8-2500H-1250H/4 MO-WD 220VDC	262660
1250A	NA8-2500H-1250H/4 MN-WD 230VAC	264250
1250A	NA8-2500H-1250M/4 MO-WD 230VAC	262555
1250A	NA8-2500H-1250M/4 MO-WD 400VAC	262576
1250A	NA8-2500H-1250M/4 MO-WD 220VDC	262597
1250A	NA8-2500H-1250M/4 MN-WD 230VAC	264243
1250A	NA8-2500HU-1250H/4 MO-WD 230VAC	406149
1250A	NA8-2500HU-1250H/4 MN-WD AC230V	406147
1250A	NA8-2500HU-1250M/4 MO-WD 230VAC	406153
1250A	NA8-2500HU-1250M/4 MN-WD AC230V	406151
1250A	NA8-2500N-1250H/4 MO-WD 230VAC	395591
1250A	NA8-2500N-1250H/4 MO-WD 400VAC	395592
1250A	NA8-2500N-1250H/4 MO-WD 220VDC	395593
1250A	NA8-2500N-1250H/4 MN-WD 230VAC	395597
1250A	NA8-2500N-1250M/4 MO-WD 230VAC	395604
1250A	NA8-2500N-1250M/4 MO-WD 400VAC	395605
1250A	NA8-2500N-1250M/4 MO-WD 220VDC	395606
1250A	NA8-2500N-1250M/4 MN-WD 230VAC	395610

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
1600A	NA8-2500H-1600H/3 MN-WD 230VAC	264237
1600A	NA8-2500H-1600H/3 MO-WD 110VDC	302961
1600A	NA8-2500H-1600M/3 MN-WD 230VAC	264230
1600A	NA8-2500HU-1600H/3 MN-WD AC230V	397353
1600A	NA8-2500HU-1600M/3 MN-WD AC230V	397349
1600A	NA8-2500N-1600H/3 MN-WD 230VAC	530828
1600A	NA8-2500H-1600H/3 MO-WD 230VAC	262495
1600A	NA8-2500H-1600H/3 MO-WD 400VAC	262516

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
1600A	NA8-2500H-1600H/3 MO-WD 220VDC	262537
1600A	NA8-2500H-1600M/3 MO-WD 230VAC	262432
1600A	NA8-2500H-1600M/3 MO-WD 400VAC	262453
1600A	NA8-2500H-1600M/3 MO-WD 220VDC	262474
1600A	NA8-2500HU-1600H/3 MO-WD 230VAC	397351
1600A	NA8-2500HU-1600M/3 MO-WD 230VAC	397347
1600A	NA8-2500N-1600H/3 MO-WD 400VAC	395614
1600A	NA8-2500N-1600M/3 MO-WD 400VAC	395627

NA8-2500 Withdrawable 4P

Rated Current	Description	Code
1600A	NA8-2500H-1600H/4 MO-WD 230VAC	262621
1600A	NA8-2500H-1600H/4 MO-WD 400VAC	262642
1600A	NA8-2500H-1600H/4 MO-WD 220VDC	262663
1600A	NA8-2500H-1600H/4 MN-WD 230VAC	264251
1600A	NA8-2500H-1600M/4P MO-WD AC230V	262558
1600A	NA8-2500H-1600M/4 MO-WD 400VAC	262579
1600A	NA8-2500H-1600M/4 MO-WD 220VDC	262600
1600A	NA8-2500H-1600M/4 MN-WD 230VAC	264244
1600A	NA8-2500HU-1600H/4 MO-WD 230VAC	406157
1600A	NA8-2500HU-1600H/4 MN-WD AC230V	406155
1600A	NA8-2500HU-1600M/4 MO-WD 230VAC	406161
1600A	NA8-2500HU-1600M/4 MN-WD AC230V	406159
1600A	NA8-2500N-1600H/4 MO-WD 230VAC	395617
1600A	NA8-2500N-1600H/4 MO-WD 400VAC	395618
1600A	NA8-2500N-1600H/4 MO-WD 220VDC	395619
1600A	NA8-2500N-1600H/4 MN-WD 230VAC	395623
1600A	NA8-2500N-1600M/4 MO-WD AC230V	395630
1600A	NA8-2500N-1600M/4 MO-WD 400VAC	395631
1600A	NA8-2500N-1600M/4 MO-WD 220VDC	395632
1600A	NA8-2500N-1600M/4 MN-WD 230VAC	395636

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
2000A	NA8-2500H-2000H/3 MN-WD 230VAC	264238
2000A	NA8-2500H-2000H/3 MO-WD 110VDC?	302962
2000A	NA8-2500H-2000M/3 MN-WD 230VAC	264231
2000A	NA8-2500HU-2000H/3 MN-WD AC230V	397345
2000A	NA8-2500HU-2000M/3 MN-WD AC230V	397341
2000A	NA8-2500N-2000H/3 MN-WD 230VAC	522607
2000A	NA8-2500H-2000H/3 MO-WD 230VAC	262498
2000A	NA8-2500H-2000H/3 MO-WD 400VAC	262519
2000A	NA8-2500H-2000H/3 MO-WD 220VDC	262540
2000A	NA8-2500H-2000M/3 MO-WD 230VAC	262435
2000A	NA8-2500H-2000M/3 MO-WD 400VAC	262456

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
2000A	NA8-2500H-2000M/3 MO-WD 220VDC	262477
2000A	NA8-2500HU-2000H/3 MO-WD 230VAC	397343
2000A	NA8-2500HU-2000M/3 MO-WD 230VAC	397339
2000A	NA8-2500N-2000H/3 MO-WD 400VAC	395640
2000A	NA8-2500N-2000M/3 MO-WD 400VAC	395653

NA8-2500 Withdrawable 4P

Rated Current	Description	Code
2000A	NA8-2500H-2000H/4 MO-WD 230VAC	262624
2000A	NA8-2500H-2000H/4 MO-WD 400VAC	262645
2000A	NA8-2500H-2000H/4 MO-WD 220VDC	262666
2000A	NA8-2500H-2000H/4 MN-WD 230VAC	264252
2000A	NA8-2500H-2000M/4 MO-WD 230VAC	262561
2000A	NA8-2500H-2000M/4 MO-WD 400VAC	262582
2000A	NA8-2500H-2000M/4 MO-WD 220VDC	262603
2000A	NA8-2500H-2000M/4P MN-WD AC230V	264245
2000A	NA8-2500HU-2000H/4 MO-WD 230VAC	406165
2000A	NA8-2500HU-2000H/4 MN-WD AC230V	406163
2000A	NA8-2500HU-2000M/4 MO-WD 230VAC	406169
2000A	NA8-2500HU-2000M/4 MN-WD AC230V	406167
2000A	NA8-2500N-2000H/4 MO-WD 230VAC	395643
2000A	NA8-2500N-2000H/4 MO-WD 400VAC	395644
2000A	NA8-2500N-2000H/4 MO-WD 220VDC	395645
2000A	NA8-2500N-2000H/4 MN-WD 230VAC	395649
2000A	NA8-2500N-2000M/4 MO-WD 230VAC	395657
2000A	NA8-2500N-2000M/4 MO-WD 400VAC	395658
2000A	NA8-2500N-2000M/4 MO-WD 220VDC	395659
2000A	NA8-2500N-2000M/4 MN-WD AC230V	395663

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
2500A	NA8-2500H-2500H/3 MN-WD 230VAC	264239
2500A	NA8-2500H-2500M/3 MN-WD 230VAC	264232
2500A	NA8-2500HU-2500H/3 MN-WD AC230V	397337
2500A	NA8-2500HU-2500M/3 MN-WD AC230V	397333
2500A	NA8-2500H-2500H/3 MO-WD 230VAC	262501
2500A	NA8-2500H-2500H/3 MO-WD 400VAC	262522
2500A	NA8-2500H-2500H/3 MO-WD 220VDC	262543
2500A	NA8-2500H-2500M/3 MO-WD 230VAC	262438
2500A	NA8-2500H-2500M/3 MO-WD 400VAC	262459
2500A	NA8-2500H-2500M/3 MO-WD 220VDC	262480
2500A	NA8-2500HU-2500H/3 MO-WD 230VAC	397335
2500A	NA8-2500HU-2500M/3 MO-WD 230VAC	397331
2500A	NA8-2500N-2500H/3 MO-WD 400VAC	395667
2500A	NA8-2500N-2500M/3 MO-WD 230VAC	514478
2500A	NA8-2500N-2500M/3 MO-WD 400VAC	395680

NA8-2500 Withdrawable 4P

Rated Current	Description	Code
2500A	NA8-2500H-2500H/4 MO-WD 230VAC	262627
2500A	NA8-2500H-2500H/4 MO-WD 400VAC	262648
2500A	NA8-2500H-2500H/4 MO-WD 220VDC	262669
2500A	NA8-2500H-2500H/4 MN-WD 230VAC	264253
2500A	NA8-2500H-2500M/4 MO-WD 230VAC	262564
2500A	NA8-2500H-2500M/4 MO-WD 400VAC	262585
2500A	NA8-2500H-2500M/4 MO-WD 220VDC	262606
2500A	NA8-2500H-2500M/4 MN-WD 230VAC	264246
2500A	NA8-2500HU-2500H/4 MO-WD 230VAC	406173
2500A	NA8-2500HU-2500H/4 MN-WD AC230V	406171
2500A	NA8-2500HU-2500M/4 MO-WD 230VAC	406177
2500A	NA8-2500HU-2500M/4 MN-WD AC230V	406175
2500A	NA8-2500N-2500H/4 MO-WD 230VAC	395670
2500A	NA8-2500N-2500H/4 MO-WD 400VAC	395671
2500A	NA8-2500N-2500H/4 MO-WD 220VDC	395672
2500A	NA8-2500N-2500H/4 MN-WD 230VAC	395676
2500A	NA8-2500N-2500M/4 MO-WD 230VAC	395683
2500A	NA8-2500N-2500M/4 MO-WD 400VAC	395684
2500A	NA8-2500N-2500M/4 MO-WD 220VDC	395685
2500A	NA8-2500N-2500M/4 MN-WD 230VAC	395689

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
630A	NA8-2500H-630H/3 MN-WD 230VAC	264233
630A	NA8-2500H-630M/3 MN-WD 230VAC	264226
630A	NA8-2500HU-630M/3 MN-WD 230VAC	522176
630A	NA8-2500N-630H/3 MN-WD 230VAC	530822
630A	NA8-2500H-630H/3 MO-WD 230VAC	262483
630A	NA8-2500H-630H/3 MO-WD 400VAC	262504
630A	NA8-2500H-630H/3 MO-WD 220VDC	262525
630A	NA8-2500H-630M/3 MO-WD 230VAC	262420
630A	NA8-2500H-630M/3 MO-WD 400VAC	262441
630A	NA8-2500H-630M/3 MO-WD 220VDC	262462
630A	NA8-2500HU-630H/3 MO-WD 230VAC	459487
630A	NA8-2500HU-630M/3 MO-WD 230VAC	522177

NA8-2500 Withdrawable 4P

Rated Current	Description	Code
630A	NA8-2500H-630H/4 MO-WD 230VAC	262609
630A	NA8-2500H-630H/4 MO-WD 400VAC	262630
630A	NA8-2500H-630H/4 MO-WD 220VDC	262651
630A	NA8-2500H-630H/4 MN-WD 230VAC	264247
630A	NA8-2500H-630M/4 MO-WD 230VAC	262546
630A	NA8-2500H-630M/4 MO-WD 400VAC	262567
630A	NA8-2500H-630M/4 MO-WD 220VDC	262588

NA8-2500 Withdrawable 4P

Rated Current	Description	Code
630A	NA8-2500H-630M/4 MN-WD 230VAC	264240
630A	NA8-2500HU-630M/4 MO-WD 230VAC	522181
630A	NA8-2500HU-630M/4 MN-WD 230VAC	522180
630A	NA8-2500N-630H/4 MN-WD 230VAC	530823

NA8-2500 Withdrawable 3P

Rated Current	Description	Code
800A	NA8-2500H-800H/3 MN-WD 230VAC	264234
800A	NA8-2500H-800M/3 MN-WD 230VAC	264227
800A	NA8-2500HU-800H/3 MN-WD AC230V	397377
800A	NA8-2500HU-800M/3 MN-WD AC230V	397373
800A	NA8-2500N-800H/3 MN-WD 230VAC	530824
800A	NA8-2500H-800H/3 MO-WD 230VAC	262486
800A	NA8-2500H-800H/3 MO-WD 400VAC	262507
800A	NA8-2500H-800H/3 MO-WD 220VDC	262528
800A	NA8-2500H-800M/3 MO-WD 230VAC	262423
800A	NA8-2500H-800M/3 MO-WD 400VAC	262444
800A	NA8-2500H-800M/3 MO-WD 220VDC	262465
800A	NA8-2500HU-800H/3 MO-WD 230VAC	397375
800A	NA8-2500HU-800M/3 MO-WD 230VAC	397371

NA8-2500 Withdrawable 4P

Rated Current	Description	Code
800A	NA8-2500H-800H/4 MO-WD 230VAC	262612
800A	NA8-2500H-800H/4 MO-WD 400VAC	262633
800A	NA8-2500H-800H/4 MO-WD 220VDC	262654
800A	NA8-2500H-800H/4 MN-WD 230VAC	264248
800A	NA8-2500H-800M/4 MO-WD 230VAC	262549
800A	NA8-2500H-800M/4 MO-WD 400VAC	262570
800A	NA8-2500H-800M/4 MO-WD 220VDC	262591
800A	NA8-2500H-800M/4 MN-WD 230VAC	264241
800A	NA8-2500HU-800H/4 MO-WD 230VAC	406181
800A	NA8-2500HU-800H/4 MN-WD AC230V	406179
800A	NA8-2500HU-800M/4 MO-WD 230VAC	406185
800A	NA8-2500HU-800M/4 MN-WD AC230V	406183
800A	NA8-2500N-800H/4 MN-WD 230VAC	530825

NA8-3200 Fixed 3P

Rated Current	Description	Code
1600A	NA8-3200H-1600H/3 MO-FX 230VAC	520896
1600A	NA8-3200H-1600H/3 MN-FX 230VAC	520904
1600A	NA8-3200N-1600H/3 MN-FX 230VAC	530221
2000A	NA8-3200H-2000H/3 MO-FX 230VAC	520895
2000A	NA8-3200H-2000H/3 MN-FX 230VAC	520903
2000A	NA8-3200N-2000H/3 MN-FX 230VAC	530223
2500A	NA8-3200H-2500H/3 MO-FX 230VAC	520894
2500A	NA8-3200H-2500H/3 MN-FX 230VAC	520902
2500A	NA8-3200N-2500H/3 MN-FX 230VAC	530225
3200A	NA8-3200H-3200H/3 MO-FX 230VAC	520893
3200A	NA8-3200H-3200H/3 MO-FX 230VAC	505398
3200A	NA8-3200H-3200H/3 MN-FX 230VAC	520901
3200A	NA8-3200N-3200H/3 MN-FX 230VAC	530219

NA8-3200 Fixed 4P

Rated Current	Description	Code
1600A	NA8-3200H-1600H/4 MO-FX 230VAC	520912
1600A	NA8-3200H-1600H/4 MN-FX 230VAC	520920
1600A	NA8-3200N-1600H/4 MN-FX 230VAC	530222
2000A	NA8-3200H-2000H/4 MO-FX 230VAC	520911
2000A	NA8-3200H-2000H/4 MN-FX 230VAC	520919
2000A	NA8-3200N-2000H/4 MN-FX 230VAC	530224
2500A	NA8-3200H-2500H/4 MO-FX 230VAC	520910
2500A	NA8-3200H-2500H/4 MN-FX 230VAC	520918
2500A	NA8-3200N-2500H/4 MN-FX 230VAC	530226
3200A	NA8-3200H-3200H/4 MO-FX 230VAC	520909
3200A	NA8-3200H-3200H/4 MN-FX 230VAC	520917
3200A	NA8-3200N-3200H/4 MN-FX 230VAC	530220

NA8-3200 Withdrawable 3P

Rated Current	Description	Code
1600A	NA8-3200H-1600H/3 MO-WD 230VAC	520892
1600A	NA8-3200H-1600H/3 MN-WD 230VAC	520900
1600A	NA8-3200N-1600H/3 MN-WD 230VAC	530231
2000A	NA8-3200H-2000H/3 MO-WD 230VAC	520891
2000A	NA8-3200H-2000H/3 MN-WD 230VAC	520899
2000A	NA8-3200N-2000H/3 MN-WD 230VAC	530233
2500A	NA8-3200H-2500H/3 MO-WD 230VAC	520890
2500A	NA8-3200H-2500H/3 MN-WD 230VAC	520898
2500A	NA8-3200N-2500H/3 MN-WD 230VAC	530235
3200A	NA8-3200H-3200H/3 MO-WD 230VAC	520889
3200A	NA8-3200H-3200H/3 MN-WD 230VAC	520897
2500A	NA8-3200N-2000M/3 MO-WD 230VAC	514479

NA8-3200 Withdrawable 4P

Rated Current	Description	Code
1600A	NA8-3200H-1600H/4 MO-WD 230VAC	520908
1600A	NA8-3200H-1600H/4 MN-WD 230VAC	520916
1600A	NA8-3200N-1600H/4 MN-WD 230VAC	530232
2000A	NA8-3200H-2000H/4 MO-WD 230VAC	520907
2000A	NA8-3200H-2000H/4 MN-WD 230VAC	520915
2000A	NA8-3200N-2000H/4 MN-WD 230VAC	530234
2500A	NA8-3200H-2500H/4 MO-WD 230VAC	520906
2500A	NA8-3200H-2500H/4 MN-WD 230VAC	520914
2500A	NA8-3200N-2500H/4 MN-WD 230VAC	530236
3200A	NA8-3200H-3200H/4 MO-WD 230VAC	520905
3200A	NA8-3200H-3200H/4 MN-WD 230VAC	520913

NA8-4000 Fixed 3P

Rated Current	Description	Code
1600A	NA8-4000H-1600H/3 MO-FX 230VAC	262718
1600A	NA8-4000H-1600H/3 MO-FX 400VAC	262733
1600A	NA8-4000H-1600H/3 MO-FX 220VDC	262748
1600A	NA8-4000H-1600H/3 MN-FX 230VAC	262716
1600A	NA8-4000H-1600H/3 MN-FX 400VAC	262731
1600A	NA8-4000H-1600H/3 MN-FX 220VDC	262746
1600A	NA8-4000H-1600M/3P MO-FX AC230V	262673
1600A	NA8-4000H-1600M/3 MO-FX 400VAC	262688
1600A	NA8-4000H-1600M/3 MO-FX 220VDC	262703
1600A	NA8-4000H-1600M/3 MN-FX 230VAC	262671
1600A	NA8-4000H-1600M/3 MN-FX 400VAC	262686
1600A	NA8-4000H-1600M/3 MN-FX 220VDC	262701
1600A	NA8-4000H-1600S/3 MO-FX 230VAC	530599
1600A	NA8-4000H-1600S/3 MO-FX 400VAC	530607
1600A	NA8-4000HU-1600H/3 MO-FX 230VAC	396421
1600A	NA8-4000HU-1600H/3 MN-FX 230VAC	396419
1600A	NA8-4000HU-1600M/3 MO-FX AC230V	396406
1600A	NA8-4000HU-1600M/3 MO-FX 400VAC	446762
1600A	NA8-4000HU-1600M/3 MN-FX 230VAC	396404
1600A	NA8-4000HU-1600S/3 MO-FX 230VAC	530676
1600A	NA8-4000HU-1600S/3 MO-FX 400VAC	530679
1600A	NA8-4000N-1600H/3 MN-FX 230VAC	530227
1600A	NA8-4000N-1600S/3 MO-FX 230VAC	530598
1600A	NA8-4000N-1600S/3 MO-FX 400VAC	530606
2000A	NA8-4000H-2000H/3 MO-FX 230VAC	262721
2000A	NA8-4000H-2000H/3 MO-FX 400VAC	262736
2000A	NA8-4000H-2000H/3 MO-FX 220VDC	262751
2000A	NA8-4000H-2000H/3 MN-FX 230VAC	262719
2000A	NA8-4000H-2000H/3 MN-FX 400VAC	262734
2000A	NA8-4000H-2000H/3 MN-FX 220VDC	262749
2000A	NA8-4000H-2000M/3 MO-FX 230VAC	262676
2000A	NA8-4000H-2000M/3 MO-FX 400VAC	262691
2000A	NA8-4000H-2000M/3 MO-FX 220VDC	262706
2000A	NA8-4000H-2000M/3 MN-FX 230VAC	262674
2000A	NA8-4000H-2000M/3 MN-FX 400VAC	262689
2000A	NA8-4000H-2000M/3 MN-FX 220VDC	262704
2000A	NA8-4000H-2000S/3 MO-FX 230VAC	530615
2000A	NA8-4000H-2000S/3 MO-FX 400VAC	530623
2000A	NA8-4000HU-2000H/3 MO-FX 230VAC	396424

NA8-4000 Fixed 3P

Rated Current	Description	Code
2000A	NA8-4000HU-2000H/3P MO-FX DC48V	511588
2000A	NA8-4000HU-2000H/3 MN-FX 230VAC	396422
2000A	NA8-4000HU-2000M/3 MO-FX 230VAC	396409
2000A	NA8-4000HU-2000M/3 MO-FX 400VAC	446761
2000A	NA8-4000HU-2000M/3 MN-FX 230VAC	396407
2000A	NA8-4000HU-2000S/3 MO-FX 230VAC	530683
2000A	NA8-4000HU-2000S/3 MO-FX 400VAC	530687
2000A	NA8-4000N-2000H/3 MN-FX 230VAC	530229
2000A	NA8-4000N-2000S/3 MO-FX 230VAC	530614
2000A	NA8-4000N-2000S/3 MO-FX 400VAC	530622
2500A	NA8-4000H-2500H/3 MO-FX 230VAC	262724
2500A	NA8-4000H-2500H/3 MO-FX 400VAC	262739
2500A	NA8-4000H-2500H/3 MO-FX 220VDC	262754
2500A	NA8-4000H-2500H/3 MN-FX 230VAC	262722
2500A	NA8-4000H-2500H/3 MN-FX 400VAC	262737
2500A	NA8-4000H-2500H/3 MN-FX 220VDC	262752
2500A	NA8-4000H-2500M/3 MO-FX 230VAC	262679
2500A	NA8-4000H-2500M/3 MO-FX 400VAC	262694
2500A	NA8-4000H-2500M/3 MO-FX 110VDC	512558
2500A	NA8-4000H-2500M/3 MO-FX 220VDC	262709
2500A	NA8-4000H-2500M/3 MN-FX 230VAC	262677
2500A	NA8-4000H-2500M/3 MN-FX 400VAC	262692
2500A	NA8-4000H-2500M/3 MN-FX 220VDC	262707
2500A	NA8-4000H-2500S/3 MO-FX 230VAC	530631
2500A	NA8-4000H-2500S/3 MO-FX 400VAC	530639
2500A	NA8-4000HU-2500H/3 MO-FX 230VAC	396427
2500A	NA8-4000HU-2500H/3 MN-FX 230VAC	396425
2500A	NA8-4000HU-2500M/3 MO-FX 230VAC	396412
2500A	NA8-4000HU-2500M/3 MO-FX 400VAC	446760
2500A	NA8-4000HU-2500M/3 MN-FX 230VAC	396410
2500A	NA8-4000HU-2500S/3 MO-FX 230VAC	530691
2500A	NA8-4000HU-2500S/3 MO-FX 400VAC	530695
2500A	NA8-4000N-2500H/3 MO-FX 230VAC	397671
2500A	NA8-4000N-2500H/3 MO-FX 400VAC	397672
2500A	NA8-4000N-2500H/3 MO-FX 220VDC	397673
2500A	NA8-4000N-2500H/3 MN-FX 230VAC	397676
2500A	NA8-4000N-2500H/3 MN-FX 400VAC	397677
2500A	NA8-4000N-2500H/3 MN-FX 220VDC	397679
2500A	NA8-4000N-2500M/3 MO-FX 230VAC	397693

NA8-4000 Fixed 3P

Rated Current	Description	Code
2500A	NA8-4000N-2500M/3 MO-FX 400VAC	397694
2500A	NA8-4000N-2500M/3 MO-FX 220VDC	397695
2500A	NA8-4000N-2500M/3 MN-FX 230VAC	397697
2500A	NA8-4000N-2500M/3 MN-FX 400VAC	397698
2500A	NA8-4000N-2500M/3 MN-FX 220VDC	397699
2500A	NA8-4000N-2500S/3 MO-FX 230VAC	530630
2500A	NA8-4000N-2500S/3 MO-FX 400VAC	530638
3200A	NA8-4000H-3200H/3 MO-FX 230VAC	262727
3200A	NA8-4000H-3200H/3 MO-FX 400VAC	262742
3200A	NA8-4000H-3200H/3 MO-FX 220VDC	262757
3200A	NA8-4000H-3200H/3 MN-FX 230VAC	262725
3200A	NA8-4000H-3200H/3 MN-FX 400VAC	262740
3200A	NA8-4000H-3200H/3 MN-FX 220VDC	262755
3200A	NA8-4000H-3200M/3 MO-FX 230VAC	262682
3200A	NA8-4000H-3200M/3 MO-FX 400VAC	262697
3200A	NA8-4000H-3200M/3 MO-FX 220VDC	262712
3200A	NA8-4000H-3200M/3 MN-FX 230VAC	262680
3200A	NA8-4000H-3200M/3 MN-FX 400VAC	262695
3200A	NA8-4000H-3200M/3 MN-FX 220VDC	262710
3200A	NA8-4000H-3200S/3 MO-FX 230VAC	530647
3200A	NA8-4000H-3200S/3 MO-FX 400VAC	530655
3200A	NA8-4000HU-3200H/3 MO-FX 230VAC	396430
3200A	NA8-4000HU-3200H/3P MO-FX DC48V	511587
3200A	NA8-4000HU-3200H/3 MN-FX 230VAC	396428
3200A	NA8-4000HU-3200M/3 MO-FX 230VAC	396415
3200A	NA8-4000HU-3200M/3 MO-FX 400VAC	446759
3200A	NA8-4000HU-3200M/3 MN-FX 230VAC	396413
3200A	NA8-4000HU-3200S/3 MO-FX 230VAC	530699
3200A	NA8-4000HU-3200S/3 MO-FX 400VAC	530703
3200A	NA8-4000N-3200H/3 MO-FX 230VAC	397714
3200A	NA8-4000N-3200H/3 MO-FX 400VAC	397715
3200A	NA8-4000N-3200H/3 MO-FX 220VDC	397716
3200A	NA8-4000N-3200H/3 MN-FX 230VAC	397718
3200A	NA8-4000N-3200H/3 MN-FX 400VAC	397719
3200A	NA8-4000N-3200H/3 MN-FX 220VDC	397720
3200A	NA8-4000N-3200M/3 MO-FX 230VAC	397734
3200A	NA8-4000N-3200M/3 MO-FX 400VAC	397735
3200A	NA8-4000N-3200M/3 MO-FX 220VDC	397736
3200A	NA8-4000N-3200M/3 MN-FX 230VAC	397738

NA8-4000 Fixed 3P

Rated Current	Description	Code
3200A	NA8-4000N-3200M/3 MN-FX 400VAC	397739
3200A	NA8-4000N-3200M/3 MN-FX 220VDC	397740
3200A	NA8-4000N-3200S/3 MO-FX 230VAC	530646
3200A	NA8-4000N-3200S/3 MO-FX 400VAC	530654
4000A	NA8-4000H-4000H/3 MO-FX 230VAC	262730
4000A	NA8-4000H-4000H/3 MO-FX 400VAC	262745
4000A	NA8-4000H-4000H/3 MO-FX 220VDC	262760
4000A	NA8-4000H-4000H/3 MN-FX 230VAC	262728
4000A	NA8-4000H-4000H/3 MN-FX 400VAC	262743
4000A	NA8-4000H-4000H/3 MN-FX 220VDC	262758
4000A	NA8-4000H-4000M/3P MO-FX AC230V	262685
4000A	NA8-4000H-4000M/3 MO-FX 400VAC	262700
4000A	NA8-4000H-4000M/3 MO-FX 220VDC	262715
4000A	NA8-4000H-4000M/3 MN-FX 230VAC	262683
4000A	NA8-4000H-4000M/3 MN-FX 400VAC	262698
4000A	NA8-4000H-4000M/3 MN-FX 220VDC	262713
4000A	NA8-4000H-4000S/3 MO-FX 230VAC	530663
4000A	NA8-4000H-4000S/3 MO-FX 400VAC	530671
4000A	NA8-4000HU-4000H/3 MO-FX 230VAC	396433
4000A	NA8-4000HU-4000H/3P MO-FX DC48V	512922
4000A	NA8-4000HU-4000H/3 MN-FX 230VAC	396431
4000A	NA8-4000HU-4000M/3 MO-FX AC230V	396418
4000A	NA8-4000HU-4000M/3 MO-FX 400VAC	446758
4000A	NA8-4000HU-4000M/3 MN-FX 230VAC	396416
4000A	NA8-4000HU-4000S/3 MO-FX 230VAC	530707
4000A	NA8-4000HU-4000S/3 MO-FX 400VAC	530711
4000A	NA8-4000N-4000H/3 MO-FX 230VAC	397754
4000A	NA8-4000N-4000H/3 MO-FX 400VAC	397755
4000A	NA8-4000N-4000H/3 MO-FX 220VDC	397756
4000A	NA8-4000N-4000H/3 MN-FX 230VAC	397758
4000A	NA8-4000N-4000H/3 MN-FX 400VAC	397759
4000A	NA8-4000N-4000H/3 MN-FX 220VDC	398522
4000A	NA8-4000N-4000M/3 MO-FX AC230V	397773
4000A	NA8-4000N-4000M/3 MO-FX 400VAC	397774
4000A	NA8-4000N-4000M/3 MO-FX 220VDC	397775
4000A	NA8-4000N-4000M/3 MN-FX 230VAC	397777
4000A	NA8-4000N-4000M/3 MN-FX 400VAC	397778
4000A	NA8-4000N-4000M/3 MN-FX 220VDC	397779
4000A	NA8-4000N-4000S/3 MO-FX 230VAC	530662
4000A	NA8-4000N-4000S/3 MO-FX 400VAC	530670

NA8-4000 Fixed 4P

Rated Current	Description	Code
1600A	NA8-4000H-1600H/4 MO-FX 230VAC	262808
1600A	NA8-4000H-1600H/4 MO-FX 400VAC	262823
1600A	NA8-4000H-1600H/4 MO-FX 220VDC	262838
1600A	NA8-4000H-1600H/4 MN-FX 230VAC	262806
1600A	NA8-4000H-1600H/4 MN-FX 400VAC	262821
1600A	NA8-4000H-1600H/4 MN-FX 220VDC	262836
1600A	NA8-4000H-1600M/4 MO-FX 230VAC	262763
1600A	NA8-4000H-1600M/4 MO-FX 400VAC	262778
1600A	NA8-4000H-1600M/4 MO-FX 220VDC	262793
1600A	NA8-4000H-1600M/4 MN-FX 230VAC	262761
1600A	NA8-4000H-1600M/4 MN-FX 400VAC	262776
1600A	NA8-4000H-1600M/4 MN-FX 220VDC	262791
1600A	NA8-4000H-1600S/4 MO-FX 230VAC	530601
1600A	NA8-4000H-1600S/4 MO-FX 400VAC	530609
1600A	NA8-4000HU-1600H/4 MO-FX 230VAC	404664
1600A	NA8-4000HU-1600H/4 MN-FX 230VAC	404662
1600A	NA8-4000HU-1600M/4 MO-FX AC230V	404649
1600A	NA8-4000HU-1600M/4 MN-FX 230VAC	404647
1600A	NA8-4000HU-1600S/4 MO-FX 230VAC	530677
1600A	NA8-4000HU-1600S/4 MO-FX 400VAC	530680
1600A	NA8-4000N-1600H/4 MN-FX 230VAC	530228
1600A	NA8-4000N-1600S/4 MO-FX 230VAC	530600
1600A	NA8-4000N-1600S/4 MO-FX 400VAC	530608
2000A	NA8-4000H-2000H/4 MO-FX 230VAC	262811
2000A	NA8-4000H-2000H/4 MO-FX 400VAC	262826
2000A	NA8-4000H-2000H/4 MO-FX 220VDC	262841
2000A	NA8-4000H-2000H/4 MN-FX 230VAC	262809
2000A	NA8-4000H-2000H/4 MN-FX 400VAC	262824
2000A	NA8-4000H-2000H/4 MN-FX 220VDC	262839
2000A	NA8-4000H-2000M/4 MO-FX 230VAC	262766
2000A	NA8-4000H-2000M/4 MO-FX 400VAC	262781
2000A	NA8-4000H-2000M/4 MO-FX 220VDC	262796
2000A	NA8-4000H-2000M/4 MN-FX 230VAC	262764
2000A	NA8-4000H-2000M/4 MN-FX 400VAC	262779
2000A	NA8-4000H-2000M/4 MN-FX 220VDC	262794
2000A	NA8-4000H-2000S/4 MO-FX 230VAC	530617
2000A	NA8-4000H-2000S/4 MO-FX 400VAC	530625
2000A	NA8-4000HU-2000H/4 MO-FX 230VAC	404667
2000A	NA8-4000HU-2000H/4 MN-FX 230VAC	404665

NA8-4000 Fixed 4P

Rated Current	Description	Code
2000A	NA8-4000HU-2000M/4 MO-FX 230VAC	404652
2000A	NA8-4000HU-2000M/4 MN-FX 230VAC	404650
2000A	NA8-4000HU-2000S/4 MO-FX 230VAC	530684
2000A	NA8-4000HU-2000S/4 MO-FX 400VAC	530688
2000A	NA8-4000N-2000H/4 MN-FX 230VAC	530230
2000A	NA8-4000N-2000S/4 MO-FX 230VAC	530616
2000A	NA8-4000N-2000S/4 MO-FX 400VAC	530624
2500A	NA8-4000H-2500H/4 MO-FX 230VAC	262814
2500A	NA8-4000H-2500H/4 MO-FX 400VAC	262829
2500A	NA8-4000H-2500H/4 MO-FX 220VDC	262844
2500A	NA8-4000H-2500H/4 MN-FX 230VAC	262812
2500A	NA8-4000H-2500H/4 MN-FX 400VAC	262827
2500A	NA8-4000H-2500H/4 MN-FX 220VDC	262842
2500A	NA8-4000H-2500M/4 MO-FX 230VAC	262769
2500A	NA8-4000H-2500M/4 MO-FX 400VAC	262784
2500A	NA8-4000H-2500M/4 MO-FX 220VDC	262799
2500A	NA8-4000H-2500M/4 MN-FX 230VAC	262767
2500A	NA8-4000H-2500M/4 MN-FX 400VAC	262782
2500A	NA8-4000H-2500M/4 MN-FX 220VDC	262797
2500A	NA8-4000H-2500S/4 MO-FX 230VAC	530633
2500A	NA8-4000H-2500S/4 MO-FX 400VAC	530641
2500A	NA8-4000HU-2500H/4 MO-FX 230VAC	404670
2500A	NA8-4000HU-2500H/4 MN-FX 230VAC	404668
2500A	NA8-4000HU-2500M/4 MO-FX 230VAC	404655
2500A	NA8-4000HU-2500M/4 MN-FX 230VAC	404653
2500A	NA8-4000HU-2500S/4 MO-FX 230VAC	530692
2500A	NA8-4000HU-2500S/4 MO-FX 400VAC	530696
2500A	NA8-4000N-2500H/4 MO-FX 230VAC	397683
2500A	NA8-4000N-2500H/4 MO-FX 400VAC	397684
2500A	NA8-4000N-2500H/4 MO-FX 220VDC	397685
2500A	NA8-4000N-2500H/4 MN-FX 230VAC	397687
2500A	NA8-4000N-2500H/4 MN-FX 400VAC	397688
2500A	NA8-4000N-2500H/4 MN-FX 220VDC	397689
2500A	NA8-4000N-2500M/4 MO-FX 230VAC	397703
2500A	NA8-4000N-2500M/4 MO-FX 400VAC	397704
2500A	NA8-4000N-2500M/4 MO-FX 220VDC	397705
2500A	NA8-4000N-2500M/4 MN-FX 230VAC	397707
2500A	NA8-4000N-2500M/4 MN-FX 400VAC	397708
2500A	NA8-4000N-2500M/4 MN-FX 220VDC	397709

NA8-4000 Fixed 4P

Rated Current	Description	Code
2500A	NA8-4000N-2500S/4 MO-FX 230VAC	530632
2500A	NA8-4000N-2500S/4 MO-FX 400VAC	530640
3200A	NA8-4000H-3200H/4 MO-FX 230VAC	262817
3200A	NA8-4000H-3200H/4 MO-FX 400VAC	262832
3200A	NA8-4000H-3200H/4 MO-FX 220VDC	262847
3200A	NA8-4000H-3200H/4 MN-FX 230VAC	262815
3200A	NA8-4000H-3200H/4 MN-FX 400VAC	262830
3200A	NA8-4000H-3200H/4 MN-FX 220VDC	262845
3200A	NA8-4000H-3200M/4 MO-FX 230VAC	262772
3200A	NA8-4000H-3200M/4 MO-FX 400VAC	262787
3200A	NA8-4000H-3200M/4 MO-FX 220VDC	262802
3200A	NA8-4000H-3200M/4 MN-FX 230VAC	262770
3200A	NA8-4000H-3200M/4 MN-FX 400VAC	262785
3200A	NA8-4000H-3200M/4 MN-FX 220VDC	262800
3200A	NA8-4000H-3200S/4 MO-FX 230VAC	530649
3200A	NA8-4000H-3200S/4 MO-FX 400VAC	530657
3200A	NA8-4000HU-3200H/4 MO-FX 230VAC	404673
3200A	NA8-4000HU-3200H/4 MN-FX 230VAC	404671
3200A	NA8-4000HU-3200M/4 MO-FX 230VAC	404658
3200A	NA8-4000HU-3200M/4 MN-FX 230VAC	404656
3200A	NA8-4000HU-3200S/4 MO-FX 230VAC	530700
3200A	NA8-4000HU-3200S/4 MO-FX 400VAC	530704
3200A	NA8-4000N-3200H/4 MO-FX 230VAC	397724
3200A	NA8-4000N-3200H/4 MO-FX 400VAC	397725
3200A	NA8-4000N-3200H/4 MO-FX 220VDC	397726
3200A	NA8-4000N-3200H/4 MN-FX 230VAC	397728
3200A	NA8-4000N-3200H/4 MN-FX 400VAC	397729
3200A	NA8-4000N-3200H/4 MN-FX 220VDC	397730
3200A	NA8-4000N-3200M/4 MO-FX 230VAC	397744
3200A	NA8-4000N-3200M/4 MO-FX 400VAC	397745
3200A	NA8-4000N-3200M/4 MO-FX 220VDC	397746
3200A	NA8-4000N-3200M/4 MN-FX 230VAC	397748
3200A	NA8-4000N-3200M/4 MN-FX 400VAC	397749
3200A	NA8-4000N-3200M/4 MN-FX 220VDC	397750
3200A	NA8-4000N-3200S/4 MO-FX 230VAC	530648
3200A	NA8-4000N-3200S/4 MO-FX 400VAC	530656
4000A	NA8-4000H-4000H/4 MO-FX 230VAC	262820
4000A	NA8-4000H-4000H/4 MO-FX 400VAC	262835
4000A	NA8-4000H-4000H/4 MO-FX 220VDC	262850

NA8-4000 Fixed 4P

Rated Current	Description	Code
4000A	NA8-4000H-4000H/4 MN-FX 230VAC	262818
4000A	NA8-4000H-4000H/4 MN-FX 400VAC	262833
4000A	NA8-4000H-4000H/4 MN-FX 220VDC	262848
4000A	NA8-4000H-4000M/4 MO-FX 230VAC	262775
4000A	NA8-4000H-4000M/4 MO-FX 400VAC	262790
4000A	NA8-4000H-4000M/4 MO-FX 220VDC	262805
4000A	NA8-4000H-4000M/4 MN-FX 230VAC	262773
4000A	NA8-4000H-4000M/4 MN-FX 400VAC	262788
4000A	NA8-4000H-4000M/4 MN-FX 220VDC	262803
4000A	NA8-4000H-4000S/4 MO-FX 230VAC	530665
4000A	NA8-4000H-4000S/4 MO-FX 400VAC	530673
4000A	NA8-4000HU-4000H/4 MO-FX 230VAC	404676
4000A	NA8-4000HU-4000H/4 MN-FX 230VAC	404674
4000A	NA8-4000HU-4000M/4 MO-FX AC230V	404661
4000A	NA8-4000HU-4000M/4 MN-FX 230VAC	404659
4000A	NA8-4000HU-4000S/4 MO-FX 230VAC	530708
4000A	NA8-4000HU-4000S/4 MO-FX 400VAC	530712
4000A	NA8-4000N-4000H/4 MO-FX 230VAC	397763
4000A	NA8-4000N-4000H/4 MO-FX 400VAC	397764
4000A	NA8-4000N-4000H/4 MO-FX 220VDC	397765
4000A	NA8-4000N-4000H/4 MN-FX 230VAC	397767
4000A	NA8-4000N-4000H/4 MN-FX 400VAC	397768
4000A	NA8-4000N-4000H/4 MN-FX 220VDC	397769
4000A	NA8-4000N-4000M/4 MO-FX 230VAC	397783
4000A	NA8-4000N-4000M/4 MO-FX 400VAC	397784
4000A	NA8-4000N-4000M/4 MO-FX 220VDC	397785
4000A	NA8-4000N-4000M/4 MN-FX 230VAC	397787
4000A	NA8-4000N-4000M/4 MN-FX 400VAC	397788
4000A	NA8-4000N-4000M/4 MN-FX 220VDC	397789
4000A	NA8-4000N-4000S/4 MO-FX 230VAC	530664
4000A	NA8-4000N-4000S/4 MO-FX 400VAC	530672

NA8-4000 Withdrawable 3P

Rated Current	Description	Code
1600A	NA8-4000H-1600H/3 MN-WD 230VAC	264593
1600A	NA8-4000H-1600M/3 MN-WD 230VAC	264588
1600A	NA8-4000H-1600S/3 MO-WD 230VAC	530595
1600A	NA8-4000H-1600S/3 MO-WD 400VAC	530603
1600A	NA8-4000HU-1600H/3 MN-WD 230VAC	396439
1600A	NA8-4000HU-1600M/3 MN-WD 230VAC	396434
1600A	NA8-4000HU-1600S/3 MO-WD 230VAC	530674
1600A	NA8-4000N-1600H/3 MN-WD 230VAC	530237
1600A	NA8-4000N-1600S/3 MO-WD 230VAC	530594
1600A	NA8-4000N-1600S/3 MO-WD 400VAC	530602
2000A	NA8-4000H-2000H/3 MN-WD 230VAC	264594
2000A	NA8-4000H-2000M/3 MN-WD 230VAC	264589
2000A	NA8-4000H-2000S/3 MO-WD 230VAC	530611
2000A	NA8-4000H-2000S/3 MO-WD 400VAC	530619
2000A	NA8-4000HU-2000H/3 MN-WD 230VAC	396440
2000A	NA8-4000HU-2000M/3 MN-WD 230VAC	396435
2000A	NA8-4000HU-2000S/3 MO-WD 230VAC	530681
2000A	NA8-4000HU-2000S/3 MO-WD 400VAC	530685
2000A	NA8-4000N-2000H/3 MN-WD 230VAC	530239
2000A	NA8-4000N-2000S/3 MO-WD 230VAC	530610
2000A	NA8-4000N-2000S/3 MO-WD 400VAC	530618
2500A	NA8-4000H-2500H/3 MN-WD 230VAC	264595
2500A	NA8-4000H-2500M/3 MN-WD 230VAC	264590
2500A	NA8-4000H-2500S/3 MO-WD 230VAC	530627
2500A	NA8-4000H-2500S/3 MO-WD 400VAC	530635
2500A	NA8-4000HU-2500H/3 MN-WD 230VAC	396441
2500A	NA8-4000HU-2500M/3 MN-WD 230VAC	396436
2500A	NA8-4000HU-2500S/3 MO-WD 230VAC	530689
2500A	NA8-4000HU-2500S/3 MO-WD 400VAC	530693
2500A	NA8-4000N-2500H/3 MN-WD 230VAC	397674
2500A	NA8-4000N-2500M/3 MN-WD 230VAC	397696
2500A	NA8-4000N-2500S/3 MO-WD 230VAC	530626
2500A	NA8-4000N-2500S/3 MO-WD 400VAC	530634
3200A	NA8-4000H-3200H/3 MN-WD 230VAC	264596
3200A	NA8-4000H-3200M/3 MN-WD 230VAC	264591
3200A	NA8-4000H-3200S/3 MO-WD 230VAC	530643
3200A	NA8-4000H-3200S/3 MO-WD 400VAC	530651
3200A	NA8-4000HU-3200H/3 MN-WD 230VAC	396442
3200A	NA8-4000HU-3200M/3 MN-WD 230VAC	396437

NA8-4000 Withdrawable 3P

Rated Current	Description	Code
3200A	NA8-4000HU-3200S/3 MO-WD 230VAC	530697
3200A	NA8-4000HU-3200S/3 MO-WD 400VAC	530701
3200A	NA8-4000N-3200H/3 MN-WD 230VAC	397717
3200A	NA8-4000N-3200M/3 MN-WD 230VAC	397737
3200A	NA8-4000N-3200S/3 MO-WD 230VAC	530642
3200A	NA8-4000N-3200S/3 MO-WD 400VAC	530650
4000A	NA8-4000H-4000H/3 MN-WD 230VAC	264597
4000A	NA8-4000H-4000M/3 MN-WD 230VAC	264592
4000A	NA8-4000H-4000S/3 MO-WD 230VAC	530659
4000A	NA8-4000H-4000S/3 MO-WD 400VAC	530667
4000A	NA8-4000HU-4000H/3 MN-WD 230VAC	396443
4000A	NA8-4000HU-4000M/3 MN-WD 230VAC	396438
4000A	NA8-4000HU-4000S/3 MO-WD 230VAC	530705
4000A	NA8-4000HU-4000S/3 MO-WD 400VAC	530709
4000A	NA8-4000N-4000H/3 MN-WD 230VAC	397757
4000A	NA8-4000N-4000M/3 MN-WD 230VAC	397776
4000A	NA8-4000N-4000S/3 MO-WD 230VAC	530658
4000A	NA8-4000N-4000S/3 MO-WD 400VAC	530666
1600A	NA8-4000H-1600H/3 MO-WD 230VAC	262717
1600A	NA8-4000H-1600H/3 MO-WD 400VAC	262732
1600A	NA8-4000H-1600H/3 MO-WD 220VDC	262747
1600A	NA8-4000H-1600M/3 MO-WD 230VAC	262672
1600A	NA8-4000H-1600M/3 MO-WD 400VAC	262687
1600A	NA8-4000H-1600M/3 MO-WD 220VDC	262702
1600A	NA8-4000HU-1600H/3 MO-WD 230VAC	396420
1600A	NA8-4000HU-1600M/3 MO-WD 230VAC	396405
2000A	NA8-4000H-2000H/3 MO-WD 230VAC	262720
2000A	NA8-4000H-2000H/3 MO-WD 400VAC	262735
2000A	NA8-4000H-2000H/3 MO-WD 220VDC	262750
2000A	NA8-4000H-2000M/3 MO-WD 230VAC	262675
2000A	NA8-4000H-2000M/3 MO-WD 400VAC	262690
2000A	NA8-4000H-2000M/3 MO-WD 220VDC	262705
2000A	NA8-4000HU-2000H/3 MO-WD 230VAC	396423
2000A	NA8-4000HU-2000H/3P MO-WD DC48V	508580
2000A	NA8-4000HU-2000M/3 MO-WD 230VAC	396408
2500A	NA8-4000H-2500H/3 MO-WD 230VAC	262723
2500A	NA8-4000H-2500H/3 MO-WD 400VAC	262738
2500A	NA8-4000H-2500H/3 MO-WD 220VDC	262753
2500A	NA8-4000H-2500M/3 MO-WD 230VAC	262678

NA8-4000 Withdrawable 3P

Rated Current	Description	Code
2500A	NA8-4000H-2500M/3 MO-WD 400VAC	262693
2500A	NA8-4000H-2500M/3 MO-WD 220VDC	262708
2500A	NA8-4000HU-2500H/3 MO-WD 230VAC	396426
2500A	NA8-4000HU-2500M/3 MO-WD 230VAC	396411
2500A	NA8-4000N-2500H/3 MO-WD 230VAC	397668
2500A	NA8-4000N-2500H/3 MO-WD 400VAC	397669
2500A	NA8-4000N-2500H/3 MO-WD 220VDC	397670
2500A	NA8-4000N-2500M/3 MO-WD 230VAC	397690
2500A	NA8-4000N-2500M/3 MO-WD 400VAC	397691
2500A	NA8-4000N-2500M/3 MO-WD 220VDC	397692
3200A	NA8-4000H-3200H/3 MO-WD 230VAC	262726
3200A	NA8-4000H-3200H/3 MO-WD 400VAC	262741
3200A	NA8-4000H-3200H/3 MO-WD 110VDC?	302960
3200A	NA8-4000H-3200H/3 MO-WD 220VDC	262756
3200A	NA8-4000H-3200M/3 MO-WD 230VAC	262681
3200A	NA8-4000H-3200M/3 MO-WD 400VAC	262696
3200A	NA8-4000H-3200M/3 MO-WD 220VDC	262711
3200A	NA8-4000HU-3200H/3 MO-WD 230VAC	396429
3200A	NA8-4000HU-3200H/3 MO-WD 24VDC	457034
3200A	NA8-4000HU-3200H/3P MO-WD DC48V	508581
3200A	NA8-4000HU-3200M/3 MO-WD 230VAC	396414
3200A	NA8-4000N-3200H/3 MO-WD 230VAC	397710
3200A	NA8-4000N-3200H/3 MO-WD 400VAC	397711
3200A	NA8-4000N-3200H/3 MO-WD 110VDC	397712
3200A	NA8-4000N-3200H/3 MO-WD 220VDC	397713
3200A	NA8-4000N-3200M/3 MO-WD 230VAC	397731
3200A	NA8-4000N-3200M/3 MO-WD 400VAC	397732
3200A	NA8-4000N-3200M/3 MO-WD 220VDC	397733
4000A	NA8-4000H-4000H/3 MO-WD 230VAC	262729
4000A	NA8-4000H-4000H/3 MO-WD 400VAC	262744
4000A	NA8-4000H-4000H/3 MO-WD 220VDC	262759
4000A	NA8-4000H-4000M/3 MO-WD 230VAC	262684
4000A	NA8-4000H-4000M/3 MO-WD 400VAC	262699
4000A	NA8-4000H-4000M/3 MO-WD 220VDC	262714
4000A	NA8-4000HU-4000H/3 MO-WD 230VAC	396432
4000A	NA8-4000HU-4000M/3 MO-WD 230VAC	396417
4000A	NA8-4000N-4000H/3 MO-WD 230VAC	397751
4000A	NA8-4000N-4000H/3 MO-WD 400VAC	397752
4000A	NA8-4000N-4000H/3 MO-WD 220VDC	397753
4000A	NA8-4000N-4000M/3 MO-WD 230VAC	397770
4000A	NA8-4000N-4000M/3 MO-WD 400VAC	397771
4000A	NA8-4000N-4000M/3 MO-WD 220VDC	397772

NA8-4000 Withdrawable 4P

Rated Current	Description	Code
1600A	NA8-4000H-1600H/4 MO-WD 230VAC	262807
1600A	NA8-4000H-1600H/4 MO-WD 400VAC	262822
1600A	NA8-4000H-1600H/4 MO-WD 220VDC	262837
1600A	NA8-4000H-1600H/4 MN-WD 230VAC	264603
1600A	NA8-4000H-1600M/4 MO-WD 230VAC	262762
1600A	NA8-4000H-1600M/4 MO-WD 400VAC	262777
1600A	NA8-4000H-1600M/4 MO-WD 220VDC	262792
1600A	NA8-4000H-1600M/4 MN-WD 230VAC	264598
1600A	NA8-4000H-1600S/4 MO-WD 230VAC	530597
1600A	NA8-4000H-1600S/4 MO-WD 400VAC	530605
1600A	NA8-4000HU-1600H/4 MO-WD 230VAC	404663
1600A	NA8-4000HU-1600H/4 MN-WD 230VAC	404682
1600A	NA8-4000HU-1600M/4 MO-WD 230VAC	404648
1600A	NA8-4000HU-1600M/4 MN-WD 230VAC	404677
1600A	NA8-4000HU-1600S/4 MO-WD 230VAC	530675
1600A	NA8-4000HU-1600S/4 MO-WD 400VAC	530678
1600A	NA8-4000N-1600H/4 MN-WD 230VAC	530238
1600A	NA8-4000N-1600S/4 MO-WD 230VAC	530596
1600A	NA8-4000N-1600S/4 MO-WD 400VAC	530604
2000A	NA8-4000H-2000H/4 MO-WD 230VAC	262810
2000A	NA8-4000H-2000H/4 MO-WD 400VAC	262825
2000A	NA8-4000H-2000H/4 MO-WD 220VDC	262840
2000A	NA8-4000H-2000H/4 MN-WD 230VAC	264604
2000A	NA8-4000H-2000M/4 MO-WD 230VAC	262765
2000A	NA8-4000H-2000M/4 MO-WD 400VAC	262780
2000A	NA8-4000H-2000M/4 MO-WD 220VDC	262795
2000A	NA8-4000H-2000M/4 MN-WD 230VAC	264599
2000A	NA8-4000H-2000S/4 MO-WD 230VAC	530613
2000A	NA8-4000H-2000S/4 MO-WD 400VAC	530621
2000A	NA8-4000HU-2000H/4 MO-WD 230VAC	404666
2000A	NA8-4000HU-2000H/4 MN-WD 230VAC	404683
2000A	NA8-4000HU-2000M/4 MO-WD 230VAC	404651
2000A	NA8-4000HU-2000M/4 MN-WD 230VAC	404678
2000A	NA8-4000HU-2000S/4 MO-WD 230VAC	530682
2000A	NA8-4000HU-2000S/4 MO-WD 400VAC	530686
2000A	NA8-4000N-2000H/4 MN-WD 230VAC	530240

NA8-4000 Withdrawable 4P

Rated Current	Description	Code
2000A	NA8-4000N-2000S/4 MO-WD 230VAC	530612
2000A	NA8-4000N-2000S/4 MO-WD 400VAC	530620
2500A	NA8-4000H-2500H/4 MO-WD 230VAC	262813
2500A	NA8-4000H-2500H/4 MO-WD 400VAC	262828
2500A	NA8-4000H-2500H/4 MO-WD 220VDC	262843
2500A	NA8-4000H-2500H/4 MN-WD 230VAC	264605
2500A	NA8-4000H-2500M/4P MO-WD AC230V	262768
2500A	NA8-4000H-2500M/4 MO-WD 400VAC	262783
2500A	NA8-4000H-2500M/4 MO-WD 220VDC	262798
2500A	NA8-4000H-2500M/4 MN-WD 230VAC	264600
2500A	NA8-4000H-2500S/4 MO-WD 230VAC	530629
2500A	NA8-4000H-2500S/4 MO-WD 400VAC	530637
2500A	NA8-4000HU-2500H/4 MO-WD 230VAC	404669
2500A	NA8-4000HU-2500H/4 MN-WD 230VAC	404684
2500A	NA8-4000HU-2500M/4 MO-WD 230VAC	404654
2500A	NA8-4000HU-2500M/4 MN-WD 230VAC	404679
2500A	NA8-4000HU-2500S/4 MO-WD 230VAC	530690
2500A	NA8-4000HU-2500S/4 MO-WD 400VAC	530694
2500A	NA8-4000N-2500H/4 MO-WD 230VAC	397680
2500A	NA8-4000N-2500H/4 MO-WD 400VAC	397681
2500A	NA8-4000N-2500H/4 MO-WD 220VDC	397682
2500A	NA8-4000N-2500H/4 MN-WD 230VAC	397686
2500A	NA8-4000N-2500M/4 MO-WD AC230V	397700
2500A	NA8-4000N-2500M/4 MO-WD 400VAC	397701
2500A	NA8-4000N-2500M/4 MO-WD 220VDC	397702
2500A	NA8-4000N-2500M/4 MN-WD 230VAC	397706
2500A	NA8-4000N-2500S/4 MO-WD 230VAC	530628
2500A	NA8-4000N-2500S/4 MO-WD 400VAC	530636
3200A	NA8-4000H-3200H/4 MO-WD 230VAC	262816
3200A	NA8-4000H-3200H/4 MO-WD 400VAC	262831
3200A	NA8-4000H-3200H/4 MO-WD 220VDC	262846
3200A	NA8-4000H-3200H/4 MN-WD 230VAC	264606
3200A	NA8-4000H-3200M/4P MO-WD AC230V	262771
3200A	NA8-4000H-3200M/4 MO-WD 400VAC	262786
3200A	NA8-4000H-3200M/4 MO-WD 220VDC	262801
3200A	NA8-4000H-3200M/4 MN-WD 230VAC	264601
3200A	NA8-4000H-3200S/4 MO-WD 230VAC	530645
3200A	NA8-4000H-3200S/4 MO-WD 400VAC	530653
3200A	NA8-4000HU-3200H/4 MO-WD 230VAC	404672

NA8-4000 Withdrawable 4P

Rated Current	Description	Code
3200A	NA8-4000HU-3200H/4 MN-WD 230VAC	404685
3200A	NA8-4000HU-3200M/4 MO-WD 230VAC	404657
3200A	NA8-4000HU-3200M/4 MN-WD 230VAC	404680
3200A	NA8-4000HU-3200S/4 MO-WD 230VAC	530698
3200A	NA8-4000HU-3200S/4 MO-WD 400VAC	530702
3200A	NA8-4000N-3200H/4 MO-WD 230VAC	397721
3200A	NA8-4000N-3200H/4 MO-WD 400VAC	397722
3200A	NA8-4000N-3200H/4 MO-WD 220VDC	397723
3200A	NA8-4000N-3200H/4 MN-WD 230VAC	397727
3200A	NA8-4000N-3200M/4 MO-WD AC230V	397741
3200A	NA8-4000N-3200M/4 MO-WD 400VAC	397742
3200A	NA8-4000N-3200M/4 MO-WD 220VDC	397743
3200A	NA8-4000N-3200M/4 MN-WD 230VAC	397747
3200A	NA8-4000N-3200S/4 MO-WD 230VAC	530644
3200A	NA8-4000N-3200S/4 MO-WD 400VAC	530652
4000A	NA8-4000H-4000H/4 MO-WD 230VAC	262819
4000A	NA8-4000H-4000H/4 MO-WD 400VAC	262834
4000A	NA8-4000H-4000H/4 MO-WD 220VDC	262849
4000A	NA8-4000H-4000H/4 MN-WD 230VAC	264607
4000A	NA8-4000H-4000M/4P MO-WD AC230V	262774
4000A	NA8-4000H-4000M/4 MO-WD 400VAC	262789
4000A	NA8-4000H-4000M/4 MO-WD 220VDC	262804
4000A	NA8-4000H-4000M/4 MN-WD 230VAC	264602
4000A	NA8-4000H-4000S/4 MO-WD 230VAC	530661
4000A	NA8-4000H-4000S/4 MO-WD 400VAC	530669
4000A	NA8-4000HU-4000H/4 MO-WD 230VAC	404675
4000A	NA8-4000HU-4000H/4 MN-WD 230VAC	404686
4000A	NA8-4000HU-4000M/4 MO-WD 230VAC	404660
4000A	NA8-4000HU-4000M/4 MN-WD 230VAC	404681
4000A	NA8-4000HU-4000S/4 MO-WD 230VAC	530706
4000A	NA8-4000HU-4000S/4 MO-WD 400VAC	530710
4000A	NA8-4000N-4000H/4 MO-WD 230VAC	397760
4000A	NA8-4000N-4000H/4 MO-WD 400VAC	397761
4000A	NA8-4000N-4000H/4 MO-WD 220VDC	397762
4000A	NA8-4000N-4000H/4 MN-WD 230VAC	397766
4000A	NA8-4000N-4000M/4 MO-WD 230VAC	397780
4000A	NA8-4000N-4000M/4 MO-WD 400VAC	397781
4000A	NA8-4000N-4000M/4 MO-WD 220VDC	397782
4000A	NA8-4000N-4000M/4 MN-WD 230VAC	397786
4000A	NA8-4000N-4000S/4 MO-WD 230VAC	530660
4000A	NA8-4000N-4000S/4 MO-WD 400VAC	530668

NA8-7500 Withdrawable 3P

Rated Current	Description	Code
5000A	NA8-7500-5000M/3 MO-WD 400VAC	262856
5000A	NA8-7500H-5000H/3 MN-WD 230VAC	525414
5000A	NA8-7500H-5000M/3 MN-WD 230VAC	404759
5000A	NA8-7500H-5000M/3 MO-WD 400VAC	262901
6300A	NA8-7500-6300M/3 MO-WD 400VAC	262857
6300A	NA8-7500H-6300M/3 MN-WD 230VAC	404761
6300A	NA8-7500H-6300M/3 MO-WD 400VAC	262902
4000A	NA8-7500-4000H/3 MO-WD 230VAC	262863
4000A	NA8-7500-4000H/3 MO-WD 400VAC	262867
4000A	NA8-7500-4000H/3 MO-WD 220VDC	262871
4000A	NA8-7500-4000M/3 MO-WD 230VAC	262851
4000A	NA8-7500-4000M/3 MO-WD 400VAC	262855
4000A	NA8-7500-4000M/3 MO-WD 220VDC	262859
4000A	NA8-7500H-4000H/3 MO-WD 230VAC	262908
4000A	NA8-7500H-4000H/3 MO-WD 400VAC	262912
4000A	NA8-7500H-4000H/3 MO-WD 220VDC	262916
4000A	NA8-7500H-4000M/3 MO-WD 230VAC	262896
4000A	NA8-7500H-4000M/3 MO-WD 400VAC	262900
4000A	NA8-7500H-4000M/3 MO-WD 220VDC	262904
5000A	NA8-7500-5000H/3 MO-WD 230VAC	262864
5000A	NA8-7500-5000H/3 MO-WD 400VAC	262868
5000A	NA8-7500-5000H/3 MO-WD 220VDC	262872
5000A	NA8-7500-5000M/3 MO-WD 230VAC	262852
5000A	NA8-7500-5000M/3 MO-WD 220VDC	262860
5000A	NA8-7500H-5000H/3 MO-WD 230VAC	262909
5000A	NA8-7500H-5000H/3 MO-WD 400VAC	262913
5000A	NA8-7500H-5000H/3 MO-WD 220VDC	262917
5000A	NA8-7500H-5000M/3 MO-WD 230VAC	262897
5000A	NA8-7500H-5000M/3 MO-WD 220VDC	262905
6300A	NA8-7500-6300H/3 MO-WD 230VAC	262865
6300A	NA8-7500-6300H/3 MO-WD 400VAC	262869
6300A	NA8-7500-6300H/3 MO-WD 220VDC	262873
6300A	NA8-7500-6300M/3 MO-WD 230VAC	262853
6300A	NA8-7500-6300M/3 MO-WD 220VDC	262861

NA8-7500 Withdrawable 3P

Rated Current	Description	Code
6300A	NA8-7500H-6300H/3 MO-WD 230VAC	262910
6300A	NA8-7500H-6300H/3 MO-WD 400VAC	262914
6300A	NA8-7500H-6300H/3 MO-WD 220VDC	262918
6300A	NA8-7500H-6300M/3 MO-WD 230VAC	262898
6300A	NA8-7500H-6300M/3 MO-WD 220VDC	262906
7500A	NA8-7500-7500H/3 MO-WD 230VAC	262866
7500A	NA8-7500-7500H/3 MO-WD 400VAC	262870
7500A	NA8-7500-7500H/3 MO-WD 220VDC	262874
7500A	NA8-7500-7500M/3 MO-WD 230VAC	262854
7500A	NA8-7500-7500M/3 MO-WD 400VAC	262858
7500A	NA8-7500-7500M/3 MO-WD 220VDC	262862
7500A	NA8-7500H-7500H/3 MO-WD 230VAC	262911
7500A	NA8-7500H-7500H/3 MO-WD 400VAC	262915
7500A	NA8-7500H-7500H/3 MO-WD 220VDC	262919
7500A	NA8-7500H-7500M/3 MO-WD 230VAC	262899
7500A	NA8-7500H-7500M/3 MO-WD 400VAC	262903
7500A	NA8-7500H-7500M/3 MO-WD 220VDC	262907

NA8-7500 Withdrawable 4P

Rated Current	Description	Code
4000A	NA8-7500-4000H/4 MO-WD 230VAC	262884
4000A	NA8-7500-4000H/4 MO-WD 400VAC	262888
4000A	NA8-7500-4000H/4 MO-WD 220VDC	262892
4000A	NA8-7500-4000M/4 MO-WD 230VAC	262875
4000A	NA8-7500-4000M/4 MO-WD 400VAC	262878
4000A	NA8-7500-4000M/4 MO-WD 220VDC	262882
4000A	NA8-7500H-4000H/4 MO-WD 230VAC	262932
4000A	NA8-7500H-4000H/4 MO-WD 400VAC	262935
4000A	NA8-7500H-4000H/4 MO-WD 220VDC	262939
4000A	NA8-7500H-4000M/4 MO-WD 230VAC	262920
4000A	NA8-7500H-4000M/4 MO-WD 400VAC	262924
4000A	NA8-7500H-4000M/4 MO-WD 220VDC	262928
5000A	NA8-7500-5000H/4 MO-WD 230VAC	262885
5000A	NA8-7500-5000H/4 MO-WD 400VAC	262889
5000A	NA8-7500-5000H/4 MO-WD 220VDC	262893
5000A	NA8-7500-5000M/4 MO-WD 230VAC	262876
5000A	NA8-7500-5000M/4 MO-WD 400VAC	262879

NA8-7500 Withdrawable 3P

Rated Current	Description	Code
5000A	NA8-7500-5000M/4 MO-WD 220VDC	111622
5000A	NA8-7500H-5000H/4 MO-WD 230VAC	262933
5000A	NA8-7500H-5000H/4 MO-WD 400VAC	262936
5000A	NA8-7500H-5000H/4 MO-WD 220VDC	262940
5000A	NA8-7500H-5000M/4 MO-WD 230VAC	262921
5000A	NA8-7500H-5000M/4 MO-WD 400VAC	262925
5000A	NA8-7500H-5000M/4 MO-WD 220VDC	262929
5000A	NA8-7500H-5000M/4 MN-WD 230VAC	404760
6300A	NA8-7500-6300H/4 MO-WD 230VAC	262886
6300A	NA8-7500-6300H/4 MO-WD 400VAC	262890
6300A	NA8-7500-6300H/4 MO-WD 220VDC	262894
6300A	NA8-7500-6300M/4P MO-WD AC230V	111638
6300A	NA8-7500-6300M/4 MO-WD 400VAC	262880
6300A	NA8-7500-6300M/4 MO-WD 220VDC	111623
6300A	NA8-7500H-6300H/4 MO-WD 230VAC	262934
6300A	NA8-7500H-6300H/4 MO-WD 400VAC	262937
6300A	NA8-7500H-6300H/4 MO-WD 220VDC	262941
6300A	NA8-7500H-6300M/4 MO-WD 230VAC	262922
6300A	NA8-7500H-6300M/4 MO-WD 400VAC	262926
6300A	NA8-7500H-6300M/4 MO-WD 220VDC	262930
6300A	NA8-7500H-6300M/4 MN-WD 230VAC	404762
7500A	NA8-7500-7500H/4 MO-WD 230VAC	262887
7500A	NA8-7500-7500H/4 MO-WD 400VAC	262891
7500A	NA8-7500-7500H/4 MO-WD 220VDC	262895
7500A	NA8-7500-7500M/4P MO-WD AC230V	262877
7500A	NA8-7500-7500M/4 MO-WD 400VAC	262881
7500A	NA8-7500-7500M/4 MO-WD 220VDC	262883
7500A	NA8-7500H-7500H/4P MO-WD AC230V	260077
7500A	NA8-7500H-7500H/4 MO-WD 400VAC	262938
7500A	NA8-7500H-7500H/4 MO-WD 220VDC	262942
7500A	NA8-7500H-7500M/4 MO-WD 230VAC	262923
7500A	NA8-7500H-7500M/4 MO-WD 400VAC	262927
7500A	NA8-7500H-7500M/4 MO-WD 220VDC	262931