



1. General Description

1.1 Application scope
NA1 series air circuit breaker is suitable for the circuit of AC 50Hz/60Hz with rated service voltage 400V, 690V and rated service current up to 6300A. It is mainly used to distribute electric energy and protect circuits and electric equipment against over-load, under-voltage, short-circuit and single-phase earthing fault.

With intelligentized and selective protection functions, the breaker can improve the reliability of power supply, and avoid unnecessary power failure. The breaker is applicable for power stations, factories, mines (for 690V) and modern high-buildings, especially for the distribution system of intelligentized building.

1.2 Standard: IEC/EN 60947-2.

NA1-1000X
200A to 1000A



NA1-3200X,NA1-3200XN,NA1-4000X
2000A to 4000A



NA1-6300X,NA1-6300XN
4000A to 6300A



2. Operating conditions

- 2.1 Temperature condition:
-5 °C ~40 °C ; the average value within 24h shall not exceed +35°C (special situation excluded);
- 2.2 Altitude:≤2000m;
- 2.3 Pollution grade: Grade 3;
- 2.4 Air conditions:
At mounting site, relative humidity not exceed 50% at the max temperature of +40 °C , higher relative humidity is allowable under lower temperature, RH could be 90% at +20 °C , special measures should be taken to occurrence of dews;
- 2.5 Note: Without the intelligent controller, the breaker functions as a switch-disconnector.

2.6 Type designation

NA1 - □ □ - □ □ / □ - □ - □ - □ - □

Voltage of secondary circuit
AC220V, AC380V,
AC230V, AC400V
DC220V, DC110V

Wiring of main circuit:
H:Horizontal wiring of main circuit
V:Vertical wiring of main circuit

Mode of installation:
F:Fixed type
D:Drawout type

Mode of operation:
M:Manual
P: Power-driven

No. of poles:
3:3-pole
4:4-pole

Intelligent controller:
M: Standard type
3M:Multifunctional type
3H: Communication type

Rated current:

Frame size rated current	Rated current
1000A	200A
	400A
	630A
	800A
2000A	1000A
	630A
	800A
	1000A
	1250A
3200A	1600A
	2000A
	2500A
	3200A
4000A	4000A
6300A	4000A
	5000A
	6300A

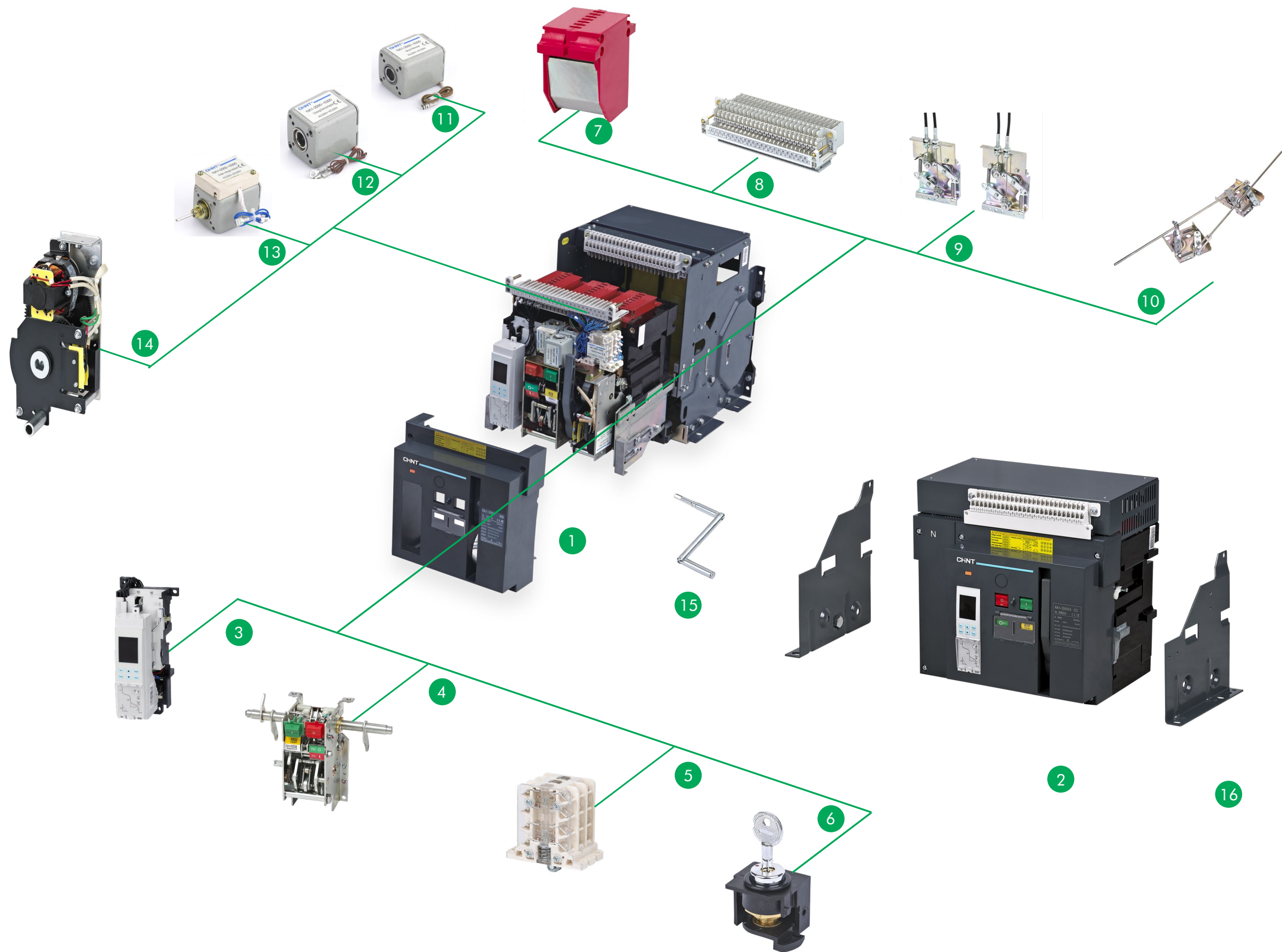
Breaking capacity:
X
XN
XH

Frame size rated current:
1000,2000,3200,4000,6300

Design sequence number

ACB

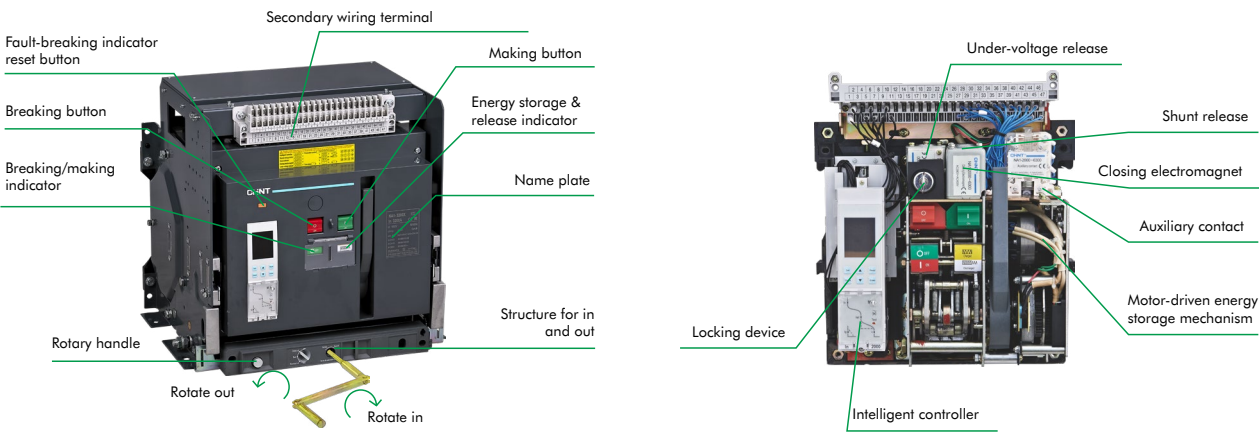
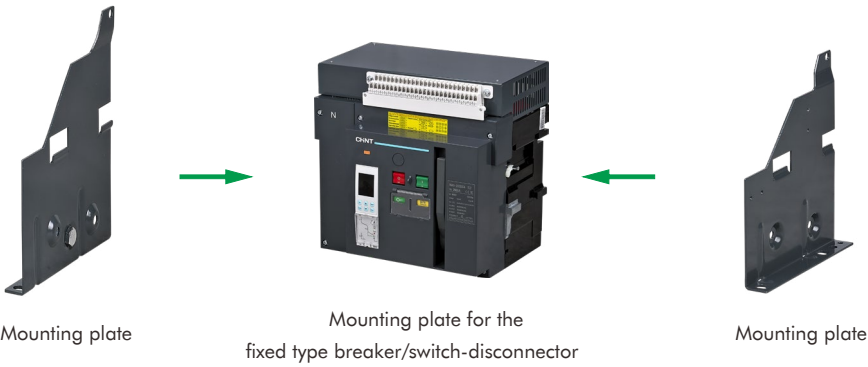
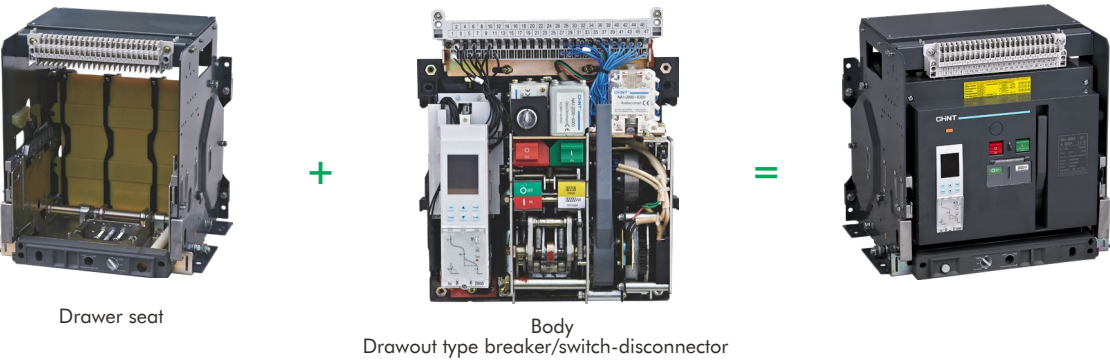
Company code



NA1 Air Circuit Breaker

- 1 Drawout type
- 2 Fixed type
- 3 Intelligent controller
- 4 Operating mechanism
- 5 Auxiliary contact
- 6 Locking-device
- 7 Arcing chamber
- 8 Secondary wiring terminal
- 9 Wire-cable mechanical interlock
- 10 Connecting-rod type mechanical interlock
- 11 Shunt release
- 12 Closing electromagnet
- 13 Under-voltage release
- 14 Motor-driven energy-storage mechanism
- 15 Rotary handle
- 16 Mounting plate

3. Structure

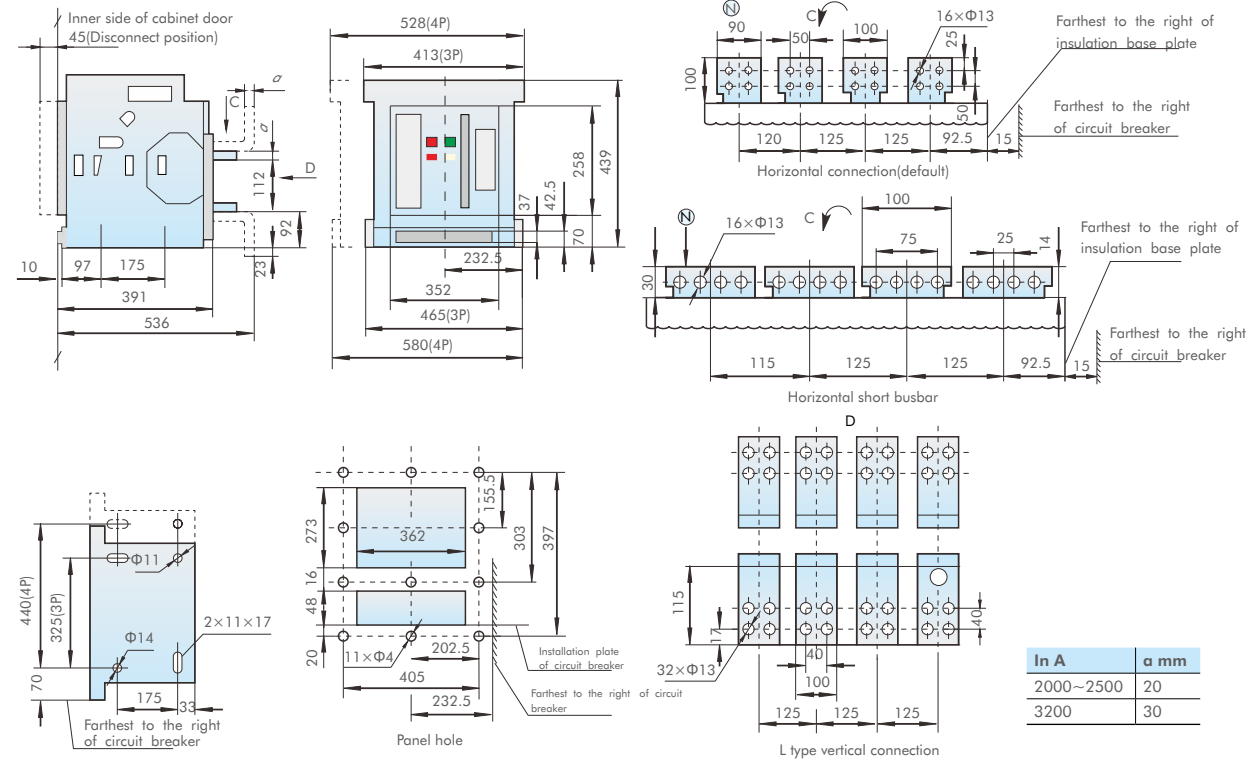


4. Technical Data

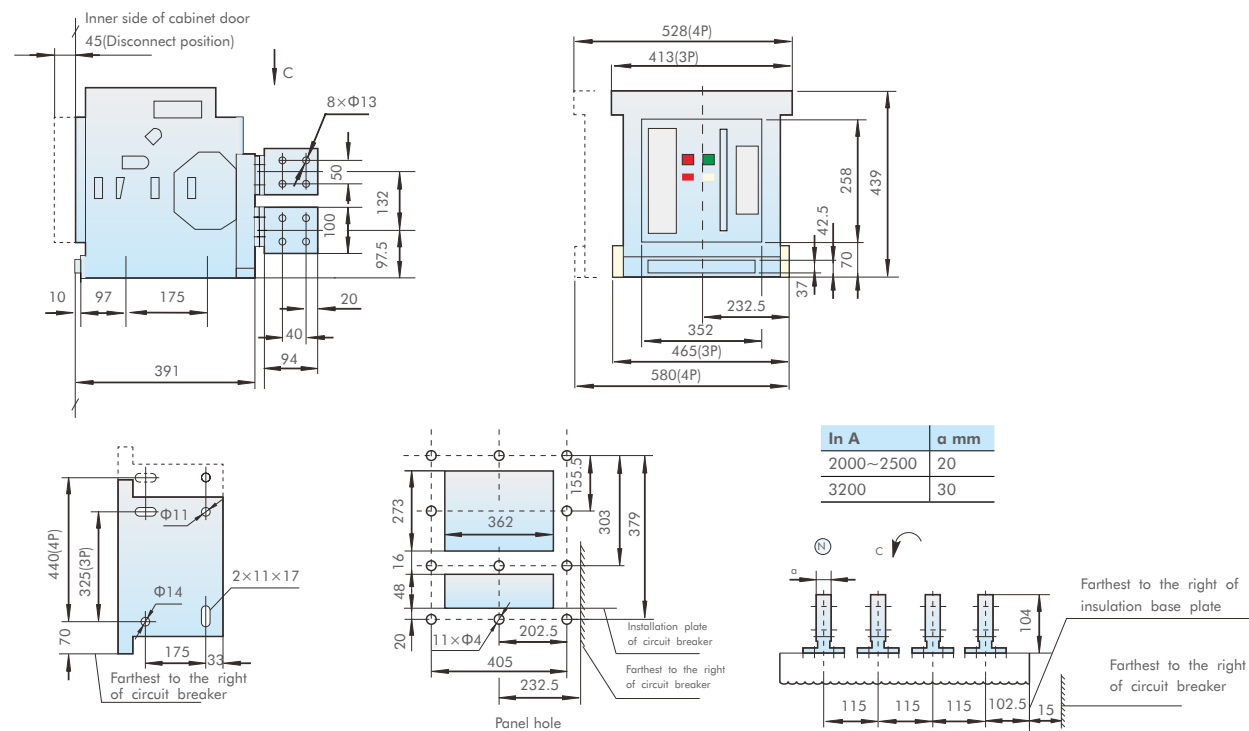
Type		NA1-1000X				
						
Rated ultimate short circuit breaking capacity (Icu)	AC400V	42				
	AC690V	25				
Rated service short circuit breaking capacity (Ics)	AC400V	30				
	AC690V	20				
Rated short-time withstand current (Icw,1s)	AC400V	30				
	AC690V	20				
Rated current In (A)		200	400	630	800	1000
Number of poles	3, 4					
Rated voltage Ue (V)	AC 400, AC 690					
Rated insulation voltage Ui (V)	800					
Rated current of N-pole In (A)	100%In					
Intelligent controller	Standard type (M)	●	●	●	●	●
	Communication type (H)	●	●	●	●	●
Operation performance	Electric life	AC 400V:6500, AC 690V:3000				
	Mechanical life	Non-maintenance 15,000				
		Maintenance 30,000				
Connection pattern		Horizontal, Vertical				
Total breaking time (no additional delay time) (ms)		≤28				
Closing time(ms)		≤50				
Arcing distance(mm)		0				

Type		NA1-2000X	NA1-2000XN		NA1-2000XH		NA1-2000XQ
							
Rated ultimate short circuit breaking capacity (Icu)	AC400V	80	50		65		80
	AC415V	50	40		50		50
	AC690V	50	40		50		50
Rated service short circuit breaking capacity (Ics)	AC400V	65	50		65		65
	AC415V	40	40		40		40
	AC690V	40	40		40		40
Rated short-time withstand (Icw.1s)	AC400V	50	50		50		65
	AC415V	40	40		40		40
	AC690V	40	40		40		40
Rated short-time withstand (Icw.3s)	AC400V	42	42		42		42
	AC415V	42	42		42		42
Rated current I _n (A)		630	800	1000	1250	1600	2000
Number of poles		3, 4					
Rated voltage U _e (V)		AC400, AC415, AC690					
Rated insulation voltage U _i (V)		1000					
Rated current of N-pole I _n (A)		100%I _n					
Intelligent controller	Standard type (M)	●	●	●	●	●	●
	Communication type (H)	●	●	●	●	●	●
Operation performance	Electric life	AC400:6500		AC690V:3000			
	Mechanical life	Non-maintenance 15,000 Maintenance 30,000					
Connection pattern		Horizontal, Vertical					
Total breaking time (no additional delay time) (ms)		≤28					
Closing time(ms)		≤50					
Arcing distance(mm)		0					

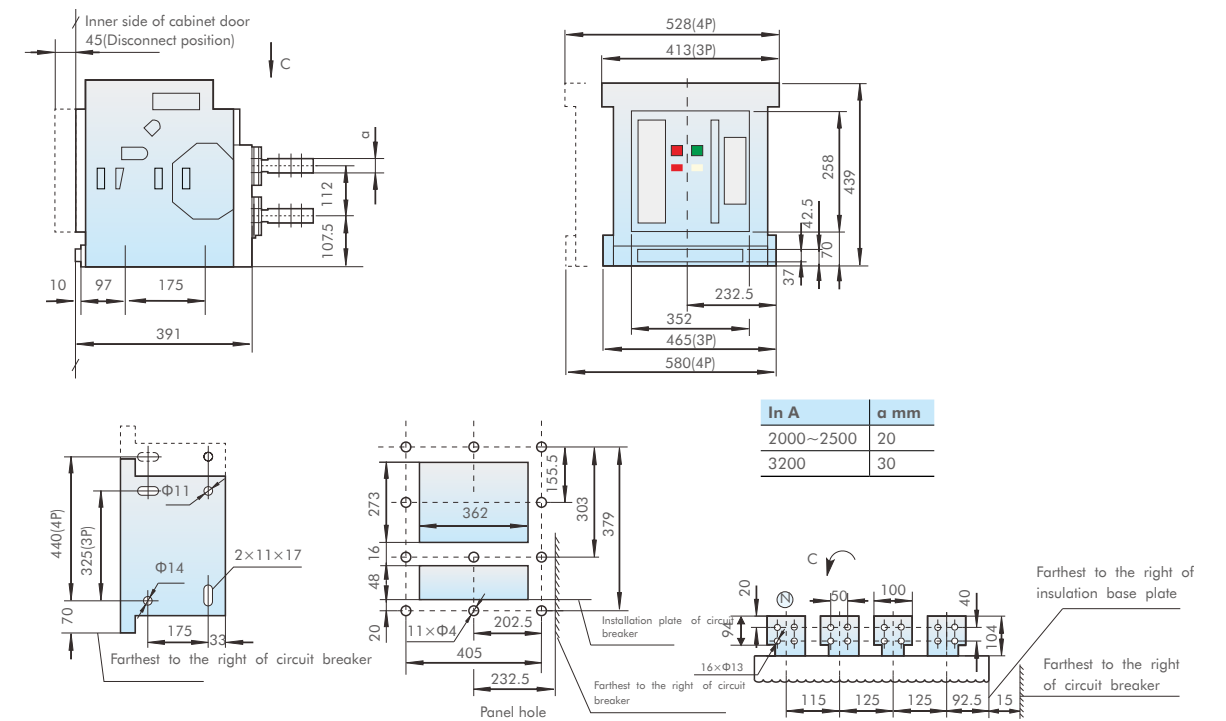
Type		NA1-3200X	NA1-3200XN		NA1-4000X
					
Rated ultimate short circuit breaking capacity (Icu)	AC400V	80	65		100
	AC415V	65	50		—
	AC690V	65	50		65
Rated service short circuit breaking capacity (Ics)	AC400V	65	65		80
	AC415V	65	50		—
	AC690V	65	50		65
Rated short-time withstand (Icw.1s)	AC400V	65	65		80
	AC415V	50	50		—
	AC690V	50	50		50
Rated short-time withstand (Icw.3s)	AC400V	45	45		—
	AC415V	45	45		—
Rated current I _n (A)		2000	2500	3200	4000
Number of poles		3, 4			
Rated voltage U _e (V)		AC400, AC415, AC690			
Rated insulation voltage U _i (V)		1000			
Rated current of N-pole I _n (A)		100%I _n			
Intelligent controller	Standard type (M)	●	●	●	●
	Communication type (H)	●	●	●	●
Operation performance	Electric life	AC400V:3000 AC690V:2000			
	Mechanical life	Non-maintenance 10,000			
		Maintenance 20,000			
Connection pattern		Horizontal, Vertical			
Total breaking time (no additional delay time) (ms)		≤28			
Closing time(ms)		≤50			
Arcing distance(mm)		0			



NA1-3200X/NA1-3200XN Drawout-type,vertical,rear connection,rotation busbar

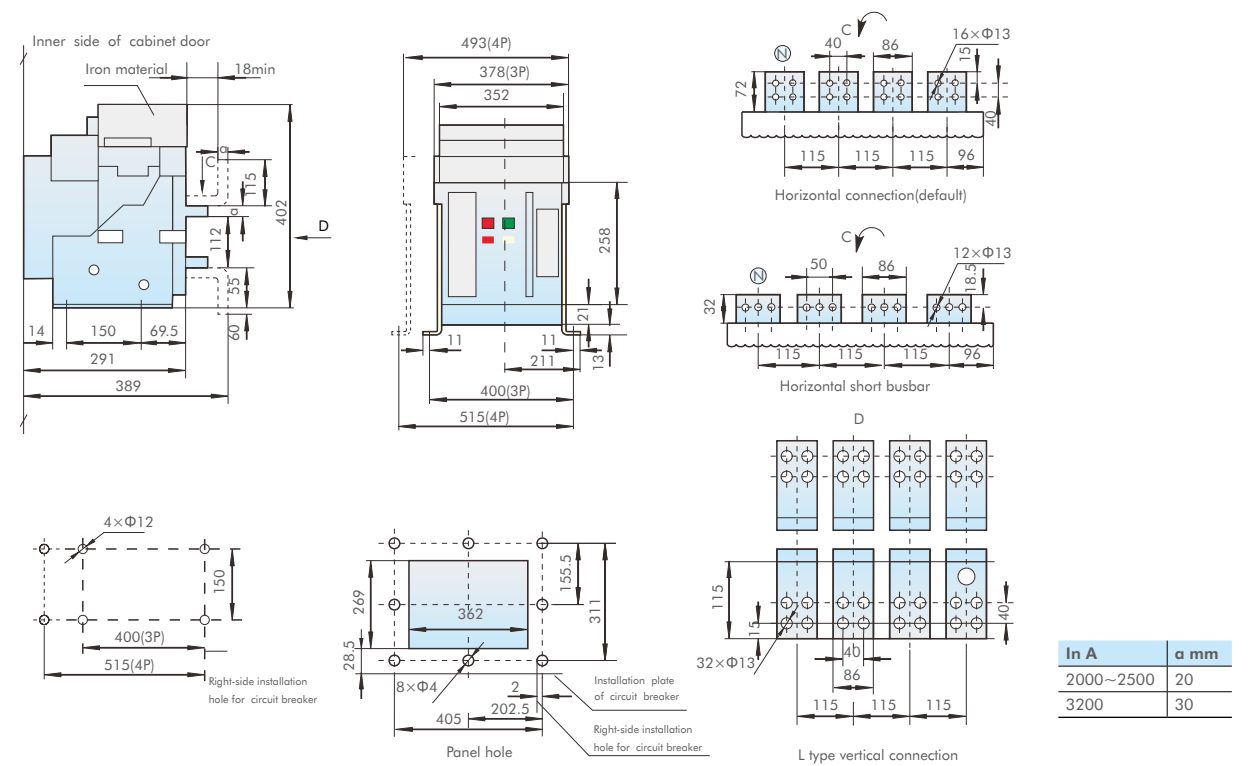


Note: In order to change vertical connection to horizontal connection onsite, user needs to change the upper and lower busbars of phase B so they are different from those of phase A and phase C.



Note: In order to change horizontal connection to vertical connection onsite, user needs to change the upper and lower busbars of phase B so they are different from those of phase A and phase C.

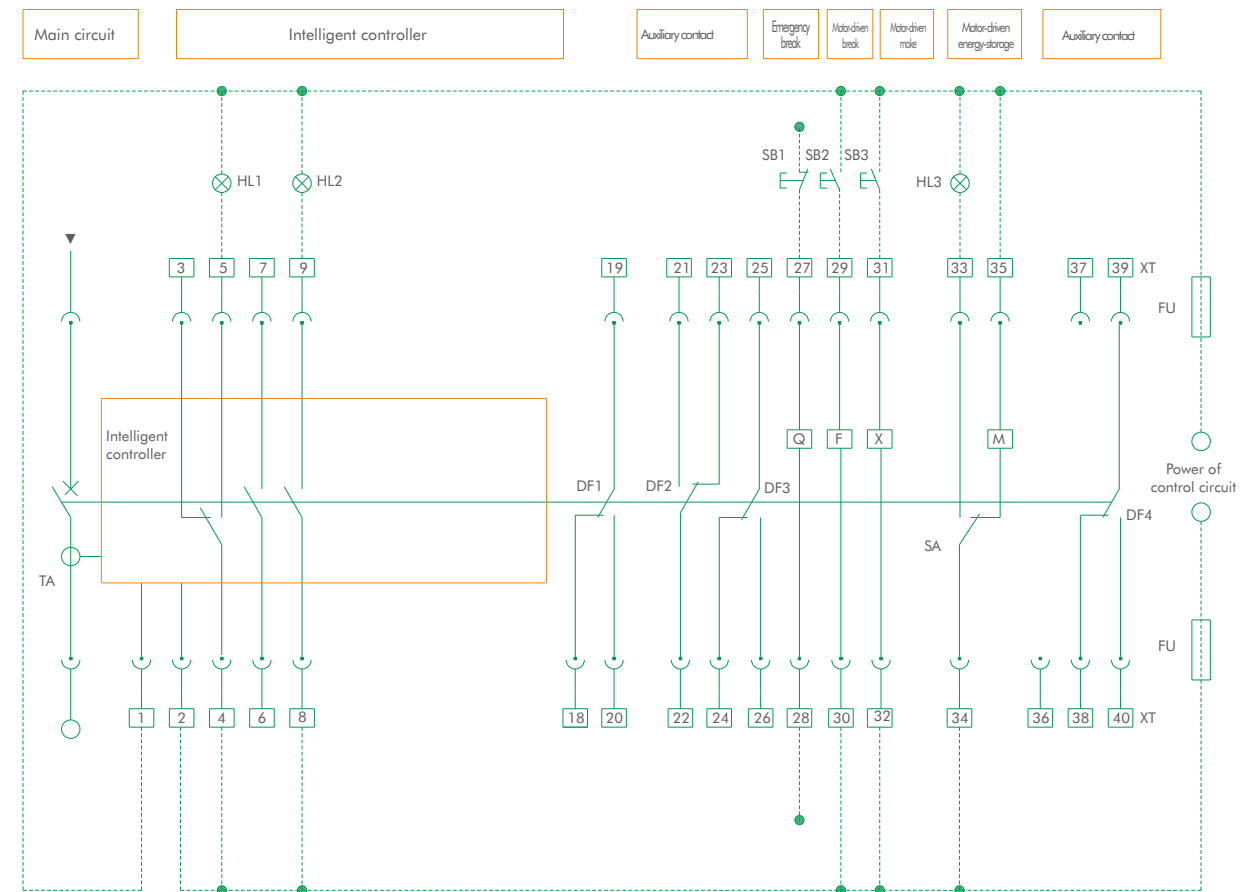
NA1-3200X/NA1-3200xN Fixed-type



6.Secondary circuit wiring

6.1 NA1-1000X

Standard type, type (M/3M)



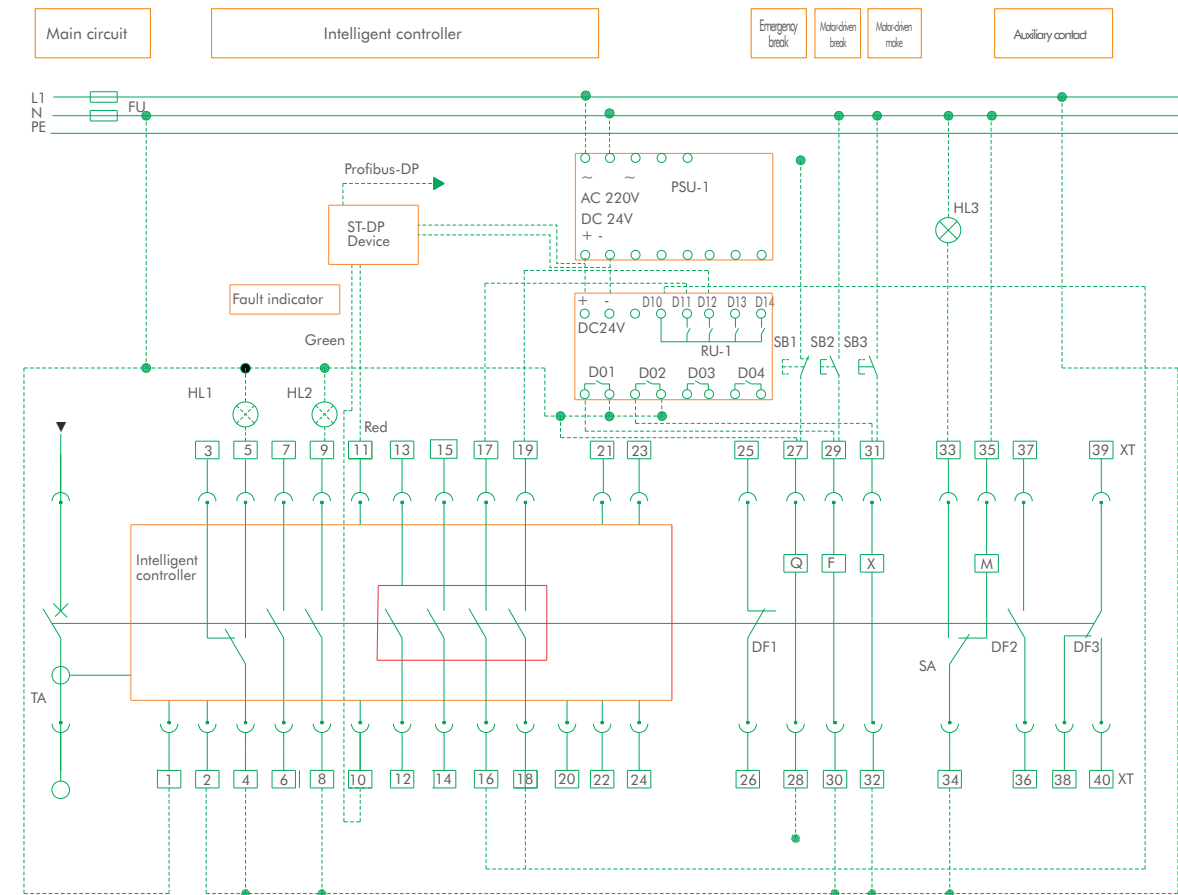
HL1: Failure indicator
 HL2: Close indicator
 HL3: Energy storage indicator
 SB1: Under-voltage button
 SB2: Shunt button
 SB3: Close button
 Q: Under-voltage release
 F: Shunt release
 X: Close electromagnet
 M: Energy storage motor
 DF1-DF4: Auxiliary switch
 1[#], 2[#]: Auxiliary power input
 3[#], 4[#], 5[#]: Fault trip contact output(4[#] common terminal, contact capacity AC230V,5A)
 6[#], 7[#]: To be connected with current transformer(selective)

Note:

Dashed is to be connected by users.

8[#], 9[#]: Making indicator (capacity AC400V,1A)
 27[#], 28[#]: Under-voltage release(Connected to the main circuit)
 29[#], 30[#]: Shunt release
 31[#], 32[#]: Closing electromagnet
 33[#], 34[#], 35[#]: Energy storage motor
 18[#]~26[#], 38[#]~40[#]: Auxiliary contact (auxiliary contact capacity: AC230V,5A)

Communication type, type (H/3H)



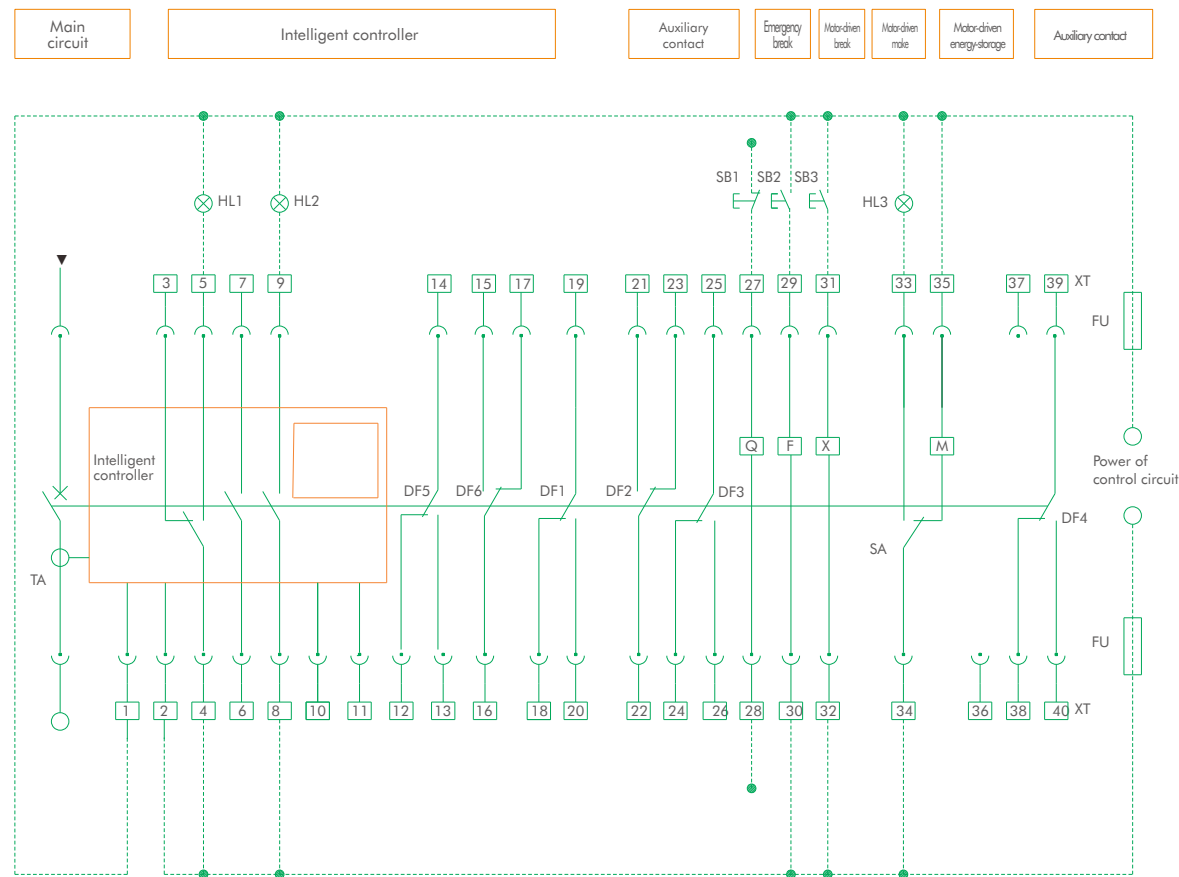
HL1: Failure indicator
 HL2: Close indicator
 HL3: Energy storage indicator
 SB1: Under-voltage button
 SB2: Shunt button
 SB3: Close button
 Q: Under-voltage release
 F: Shunt release
 X: Close electromagnet
 M: Energy storage motor
 DF1-DF3: Auxiliary switch
 1[#], 2[#]: Auxiliary power input(DC24)
 3[#], 4[#], 5[#]: Fault trip contact output(4[#] common terminal, contact capacity AC230V,5A)
 6[#], 7[#]: To be connected with current transformer(N/O auxiliary contact, capacity AC400V, 1A,when no current transformer)

Note:

Dashed is to be connected by users.

8[#], 9[#]: Making indicator(capacity AC400V,1A)
 10[#], 11[#]: communication output
 12[#], 13[#]: Signal alarm of load 1 output
 14[#], 15[#]: Signal alarm of load 2 output
 16[#], 17[#]: Making signal output
 18[#], 19[#]: Closing signal output
 20[#]: Communication shield ground line
 21[#]~24[#]: Voltage signal input of phase N,A,B,C (With voltage measurement);
 21_#~23_# is a set of auxiliary switches (Without voltage measurement)
 22_#common terminal,contact capacity AC230V,5A
 25[#], 26[#]: Auxiliary contact (capacity:AC230V,5A)
 27[#], 28[#]: Under-voltage release(Connected to the main circuit)
 29[#], 30[#]: Shunt release
 31[#], 32[#]: Closing electromagnet
 33[#], 34[#], 35[#]: Energy storage motor
 36[#]~40[#]: Auxiliary contact (capacity:AC230V,5A)

Six pairs change-over contacts standard type (M/3M)



HL1: Failure indicator
HL2: Close indicator
HL3: Energy storage indicator
SB1: Under-voltage button
SB2: Shunt button
SB3: Close button
Q: Under-voltage release
F: Shunt release
X: Close release
M: Energy storage motor
DF1-DF6: Auxiliary switch
1[#], 2[#]: Auxiliary power input
3[#], 4[#], 5[#]: Fault trip contact output(4[#] common terminal, contact capacity AC230V, 5A
6[#], 7[#]: to be connected with current transformer(selective)

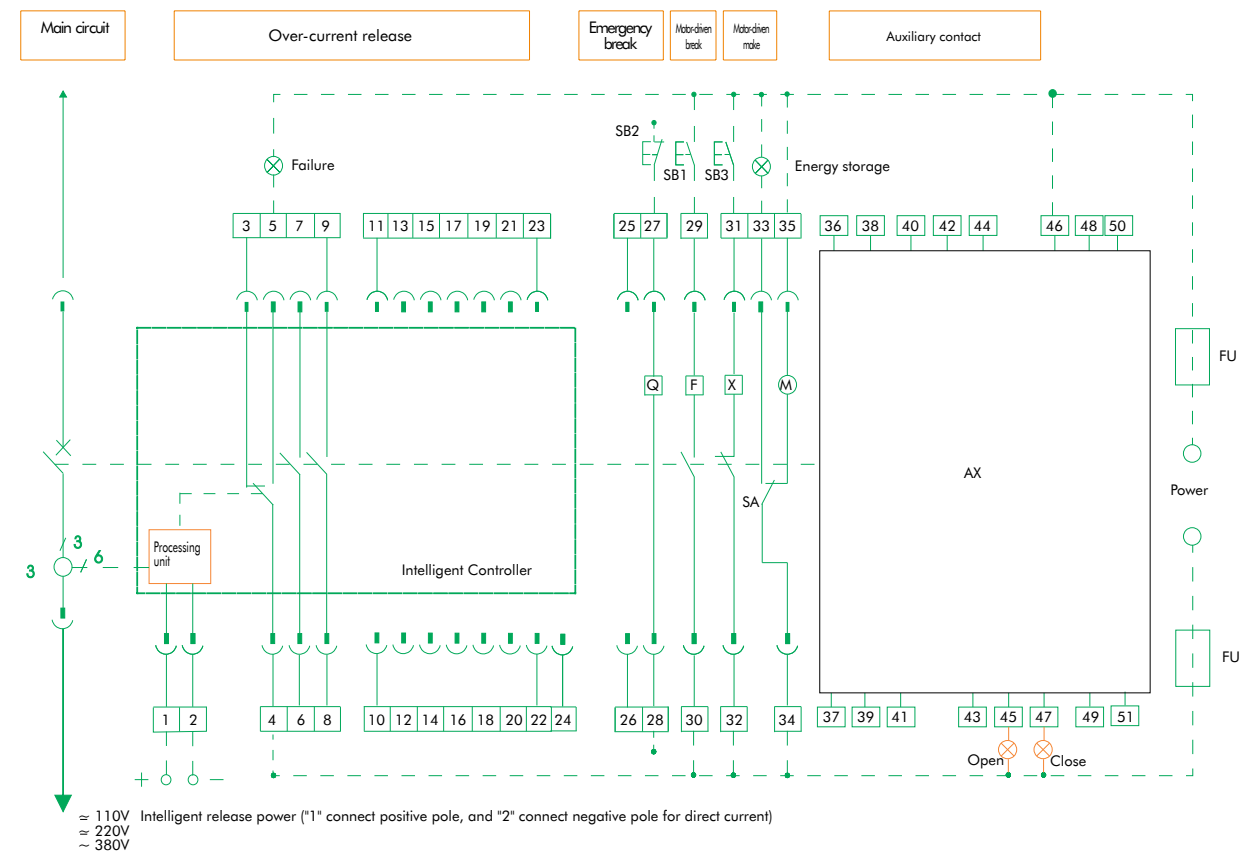
8[#], 9[#]: Making indicator (capacity AC400V, 1A)
12[#]~26[#]: Auxiliary contact(auxiliary contact capacity: AC230V, 1A)
27[#], 28[#]: Under-voltage release(Connected to the main circuit)
29[#], 30[#]: Shunt release
31[#], 32[#]: Closing release
33[#], 34[#]: Energy storage indicator
34[#], 35[#]: Energy storage motor
38[#]~40[#]: Auxiliary contact(auxiliary contact capacity: AC230V, 1A)

Note:

Six pairs change-over contacts , without any additional function.
Dashed is to be connected by users.

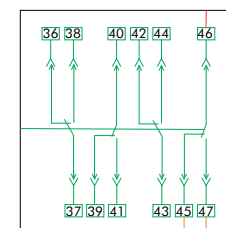
6.2 NA1-2000X~6300X

The secondary circuit wiring for NA1-2000X~6300X with standard type (M) intelligent controller and instantaneous under-voltage release

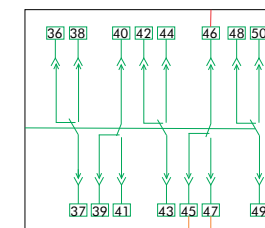


The auxiliary contact modes for customer use

I Four pairs change-over contacts



II Five pairs change-over contacts



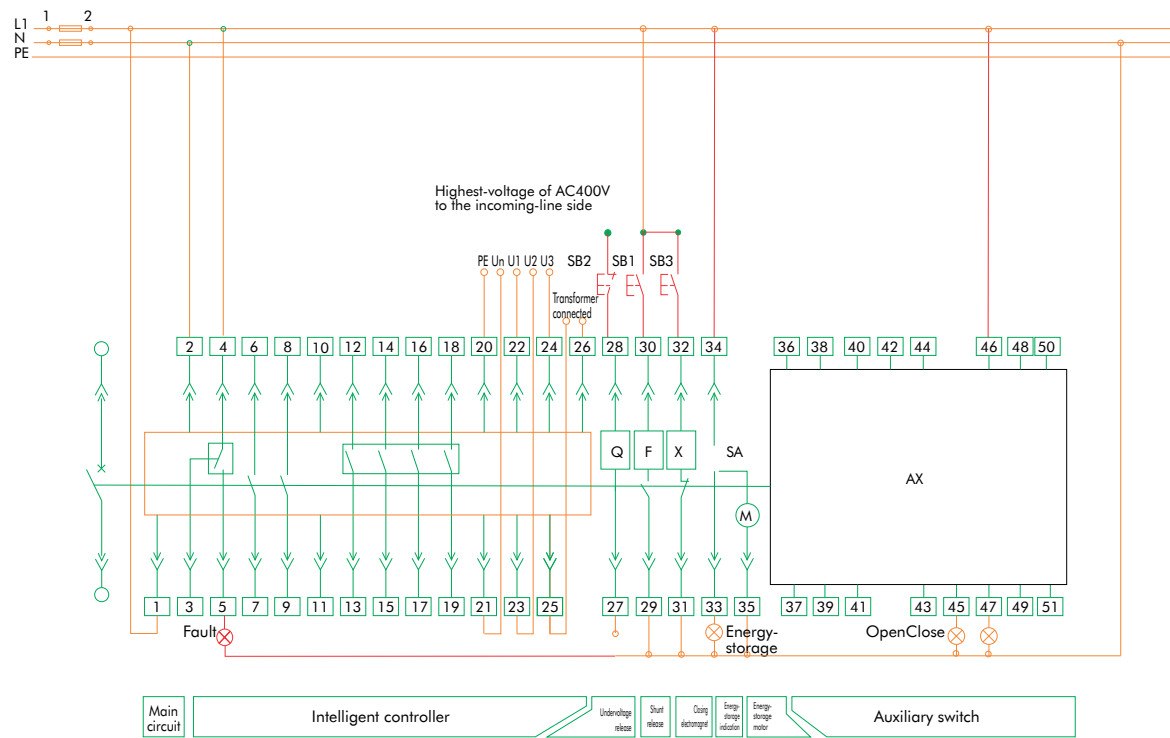
SB1: Shunt button
SB2: Under-voltage button
SB3: Making button
Q: Under-voltage release
F: Shunt release
X: Closing electromagnet
M: Energy storage motor
XT: Connection terminal
SA: Position switch
Note: If control voltage of Q, F, X is different from each other, they can be connected to different power.

1[#], 2[#]: Auxiliary power input
3[#], 4[#], 5[#]: Fault trip contact output(4[#] common terminal)
6[#], 7[#], 8[#], 9[#]: Auxiliary contact, normal open,
10[#]~24[#]: empty
25[#], 26[#]: to be connected with current transformer(selective)
27[#], 28[#]: Under-voltage release(Connected to the main circuit)
29[#], 30[#]: Shunt release
31[#], 32[#]: Closing release
33[#], 34[#]: Energy storage indicator
34[#], 35[#]: Energy storage motor
36[#], 51[#]: Auxiliary contact

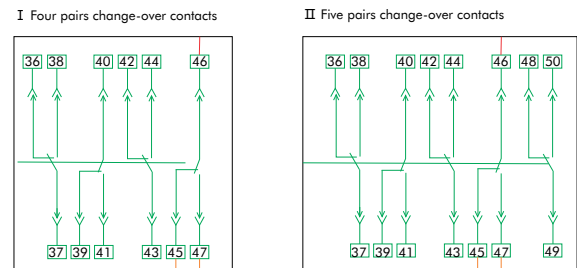
Circuit explanation for signal output:

- Broken-line parts shall be provided by customers.
- Terminals 6[#], 7[#] can output NC (normal close) contact if that is required by users.
- Terminal 35[#] can be directly connected to power (automatic pre-storing energy), alternatively connect power after connecting NO button (manual-controlled pre-storing energy).
- Terminals 21[#]~24[#] is only for wiring with function meter display. (excluding the special wiring)

The secondary circuit wiring for NA1-2000X~6300X with type (3M) intelligent controller and instantaneous under-voltage release



The auxiliary contact modes for customer use



3[#],4[#],5[#]: Fault trip contact output(4[#]common terminal)

6[#],7[#],8[#],9[#]: Auxiliary contact(normal open)

10[#]~11[#]: empty

12[#]~19[#]: The programmable output terminal. The normal products without these terminals, but if the customer special ordered, the cost extra added.

3M type acquiescence output:

12[#],13[#]: Signal alarm of load 1 output; 14[#],15[#]: Signal alarm of load2 output

16[#],17[#]: Self-diagnose alarm; 18[#],19[#]: Fault trip; 20[#]: PE line; 21[#]~24[#]: Display the voltage of the signal input.

The normal products without these terminals,

if the customer special ordered the function meter, the cost extra added.

21[#]: N phase input terminal

22[#],23[#],24[#]: A, B, C three phase power input terminal (note the sequence)(highest-voltage of AC 400V)

25[#],26[#]: Connect to the N phase current transformer or the input terminal of the current leakage transformer.

The normal products without these terminals, if the customer special ordered, the cost extra added.

27[#],28[#]: Under-voltage release(Connected to the main circuit); 29[#],30[#]: Shunt release; 31[#],32[#]: Closing release;

33[#],34[#]: Energy storage indicator; 34[#],35[#]: Energy storage motor; 36[#]~51[#]: Auxiliary contact

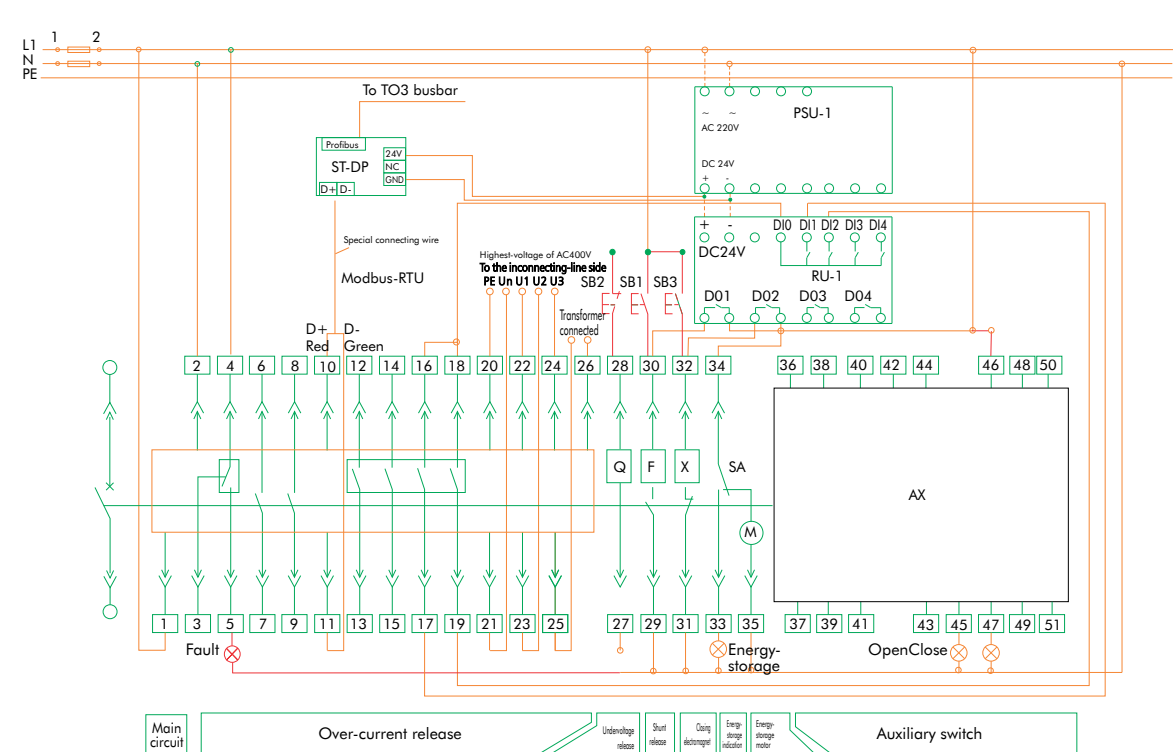
Note:

a. Red colored part is to be connected by users

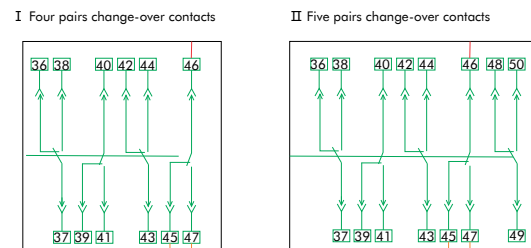
b. When the power system is three phase three wire, directly connect the Un to U2.

(If the voltage exceeds 400V, special explanation when ordered)

The secondary circuit wiring for NA1-2000X~6300X with type (3H) intelligent controller and instantaneous under-voltage release



The auxiliary contact modes for customer use



3[#],4[#],5[#]: Fault trip contact output(4[#] common terminal)

6[#],7[#],8[#],9[#]: Auxiliary contact (normal open)

10[#]~11[#]: communication output

12[#],13[#]: Signal alarm of load 1 output; 14[#],15[#]: Signal alarm of load² output

16[#],17[#]:Breaking signal output; 18[#],19[#]:Making signal output

20[#]: PE line; 21[#]: N phase terminal

22[#],23[#],24[#]: A, B, C three phase power input terminal (note the sequence)(highest-voltage of AC 400V)

25[#]26[#]: Connect to the N phase current transformer or the input terminal of the current leakage transformer.

The normal products without these terminals, if the customer special ordered, the cost extra added.

ST~DP: DP protocol module. There is no need for the ST-DP protocol module,

if the communication protocol is Modbus-RTV. But when the communication protocol is Profibus-DP,

the ST-DP protocol module is necessary, but the cost extra added.

ST power module IV: power converter (optional components)

ST201: Magnify the signal capacity of the controller. (optional components) If the customer special ordered, the cost extra added.

27[#],28[#]: Under-voltage release(Connected to the main circuit); 29[#],30[#]: Shunt release

31[#],32[#]: Closing release; 33[#],34[#]: Energy storage indicator

34[#],35[#]: Energy storage motor; 36[#]~51[#]: Auxiliary contact

Note:

a. Red colored part is to be connected by users

b. When the power system is three phase three wire, directly connect the Un to U2.

(If the voltage exceeds 400V, special explanation when ordered)

SB1: Shunt button; SB2: Under-voltage button

SB3: Making button; Q: Under-voltage release

F: Shunt release; X: Closing release

M: Energy storage motor; XT: connection terminal

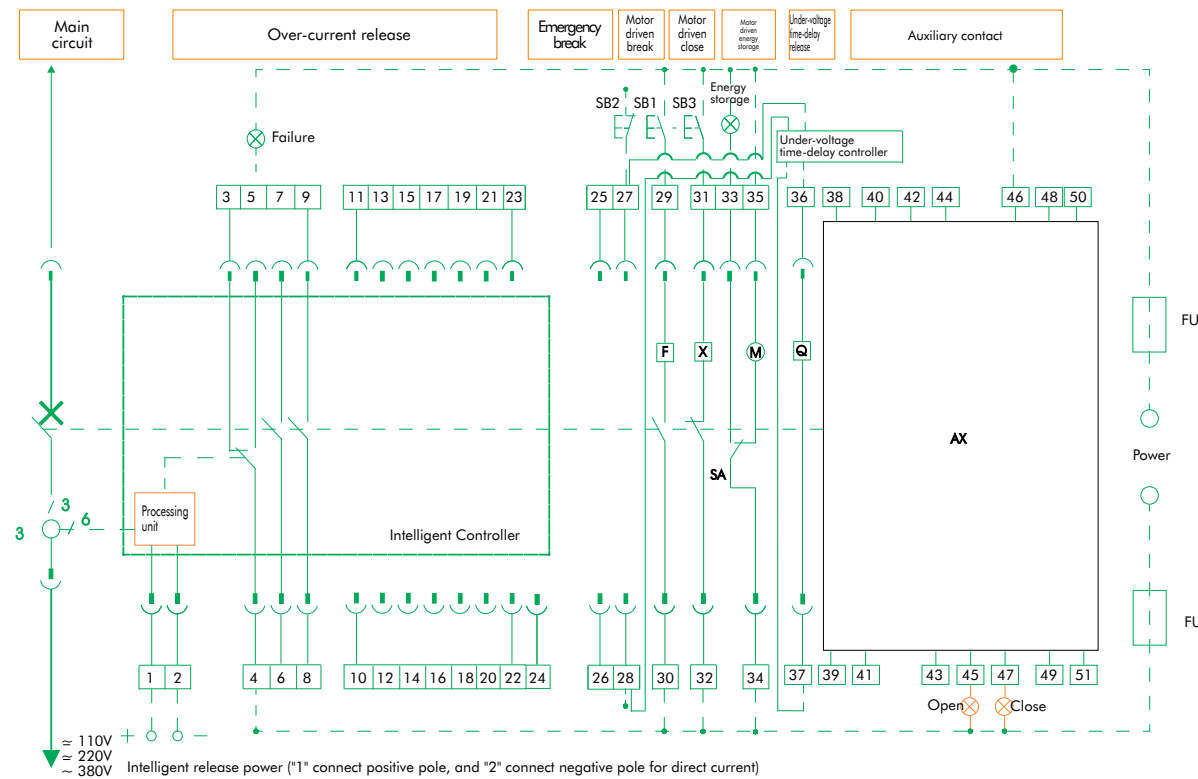
SA: Position switch

1[#], 2[#]: Intelligent controller power input

Note: When the power supply of the intelligent controller is AC power, the 1[#]~2[#] connects to the AC power directly.

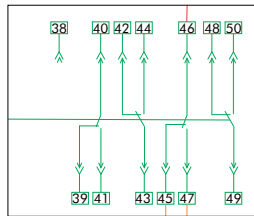
When the power supply is DC power, forbid connecting the 1[#]~2[#] to the DC power directly. Add a DC power supply module, then the DC power connect to the input terminal of the DC power supply module, and the 1[#]~2[#] connect to the output terminal of the DC power supply module, or else the intelligent controller will be damaged.

The secondary circuit wiring for NA1-2000X~6300X with standard type (M) intelligent controller and time-delay under-voltage release



The auxiliary contact modes for customer use

I Four pairs change-over contacts



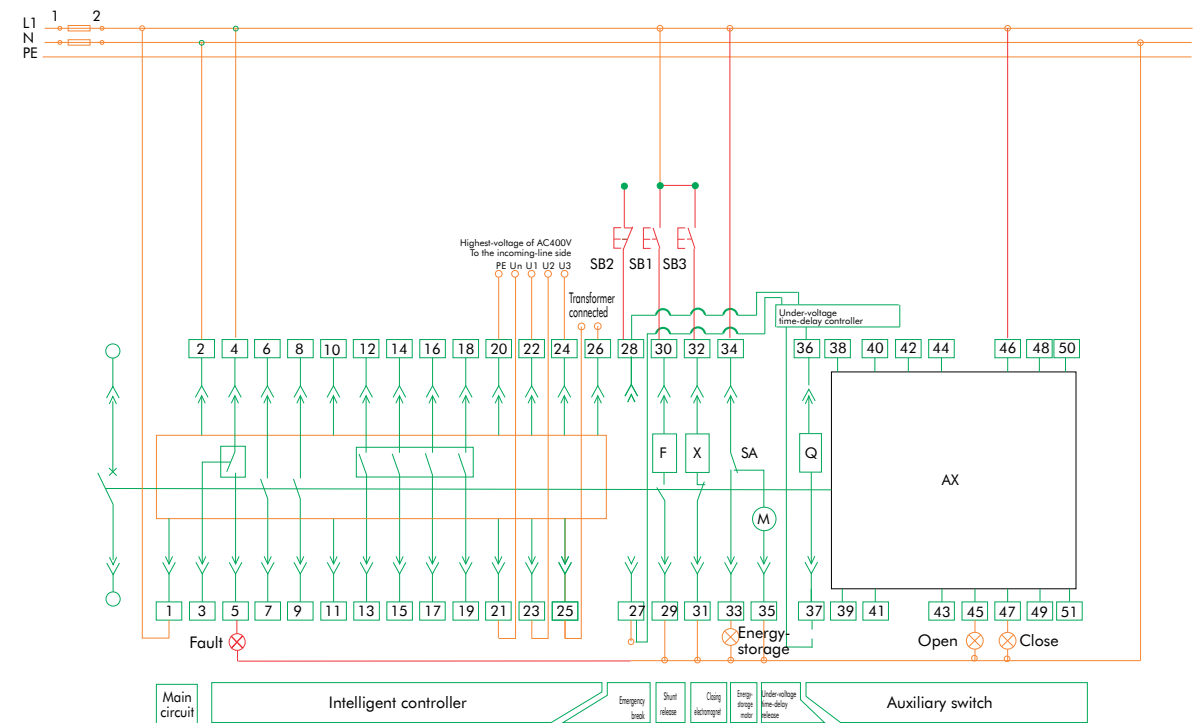
SB1: Shunt button SB2: Under-voltage button SB3: Making button
Q: Under-voltage time-delay release F: Shunt release
X: Closing electromagnet M: Energy storage motor
XT: Connection terminal SA: Position switch
Note: If control voltage of Q, F, X is different from each other, they can be connected to different power.

- 1[#], 2[#]: Auxiliary power input
3[#], 4[#], 5[#]: Fault trip contact output (4[#] common terminal)
6[#], 7[#], 8[#], 9[#]: Auxiliary contact (normal open)
10[#]~24[#]: empty
25[#], 26[#]: to be connected with current transformer (selective)
27[#], 28[#]: Under-voltage release (Connected to the main circuit)
29[#], 30[#]: Shunt release
31[#], 32[#]: Closing release
33[#], 34[#]: Energy storage indicator
34[#], 35[#]: Energy storage motor
36[#], 37[#]: Under-voltage time delay release
38[#]~51[#]: Auxiliary contact

Circuit explanation for signal output:

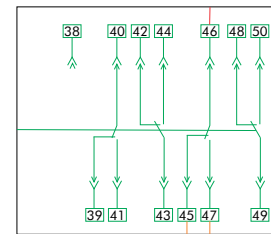
- Broken-line parts shall be provided by customers.
- Terminals 6[#], 7[#] can output NC (normal close) contact if that is required by users.
- Terminal 35[#] can be directly connected to power (automatic pre-storing energy), alternatively connect power after connecting NO button (manual-controlled pre-storing energy).
- The 21[#]~24[#] is only for wiring with function meter display. (Excluding the special wiring)

The secondary circuit wiring for NA1-2000X~6300X with type (3M) intelligent controller and time-delay under-voltage release



The auxiliary contact modes for customer use

I Four pairs change-over contacts



SB1: Shunt button; SB2: Under-voltage button
SB3: Making button; Q: Under-voltage release
F: Shunt release; X: Closing release
M: Energy storage motor; XT: Connection terminal
SA: Position switch
1[#], 2[#]: Intelligent controller power input
Note: When the power supply of the intelligent controller is AC power, the 1[#]~2[#] connects to the AC power directly. When the power supply is DC power, forbid connecting the 1[#]~2[#] to the DC power directly. Add a DC power supply module, then the DC power connect to the input terminal of the DC power supply module, and the 1[#]~2[#] connect to the output terminal of the DC power supply module, or else the intelligent controller will be damaged.

- 3[#], 4[#], 5[#]: Fault trip contact output (4[#] common terminal);
6[#], 7[#], 8[#], 9[#]: Auxiliary contact (normal open)
10[#]~11[#]: empty; 12[#]~19[#] are the programmable output terminal. The normal products without these terminals, but if the customer special ordered, the cost extra added.

3M type acquiescence output:

- 12[#], 13[#]: Signal alarm of load 1 output; 14[#], 15[#]: Signal alarm of load 2 output
16[#], 17[#]: Self-diagnose alarm; 18[#], 19[#]: Fault trip
20[#]: PE line; 21[#]~24[#]: Display the voltage of the signal input. The normal products without these terminals, if the customer special ordered the function meter, the cost extra added.
21[#]: N phase input terminal; 22[#], 23[#], 24[#]: A, B, C three phase power input terminal (note the sequence) (Highest-voltage of AC400V)

25[#], 26[#] Connect to the N phase current transformer or the input terminal of the current leakage transformer.

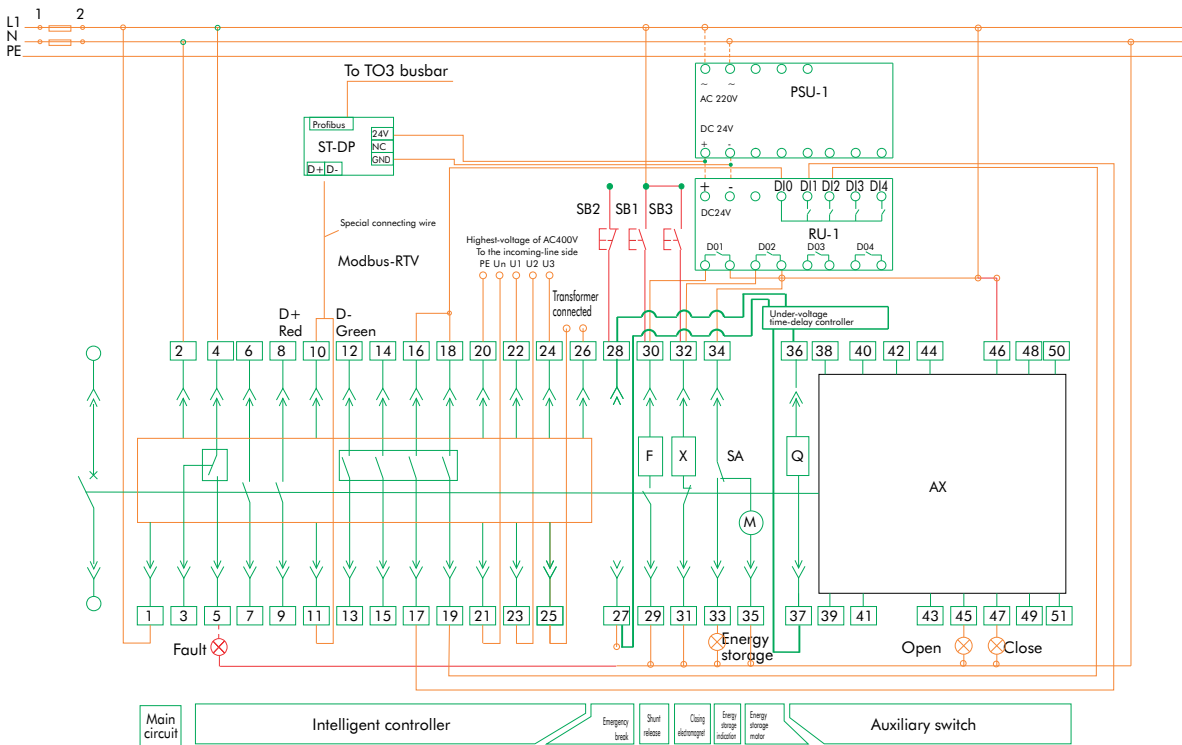
The normal products without these terminals, if the customer special ordered, the cost extra added.

- 27[#], 28[#]: Under-voltage release (Connected to the main circuit); 29[#], 30[#]: Shunt release
31[#], 32[#]: Closing release; 33[#], 34[#]: Energy storage indicator
34[#], 35[#]: Energy storage motor; 36[#], 37[#]: Under-voltage time delay release
38[#]~51[#]: Auxiliary contact

Note:

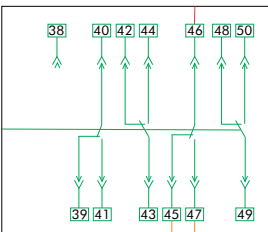
- Red colored part is to be connected by users
- When the power system is three phase three wire, directly connect the Un to U2. (If the voltage exceeds 400V, special explanation when ordered)

The secondary circuit wiring for NA1-2000X~6300X with type (3H) intelligent controller and time-delay under-voltage release



The auxiliary contact modes for customer use

I Four pairs change-over contacts

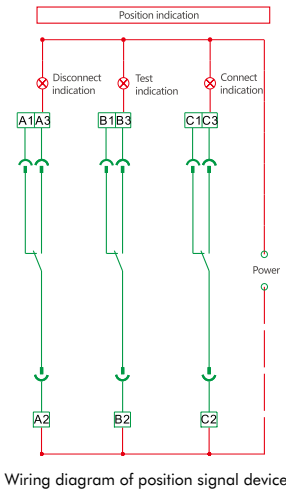


SB1: Shunt button; SB2: Under-voltage button
SB3: Making button; Q: Under-voltage release
F: Shunt release; X: Closing release
M: Energy storage motor; XT: Connection terminal
SA: Position switch
1#, 2#: Intelligent controller power input
Note: When the power supply of the intelligent controller is AC power, the 1#~2# connects to the AC power directly. When the power supply is DC power, forbid connecting the 1#~2# to the DC power directly. Add a DC power supply module, then the DC power connect to the input terminal of the DC power supply module, and the 1#~2# connect to the output terminal of the DC power supply module, or else the intelligent controller will be damaged.

3#, 4#, 5#: Fault trip contact output (4# common terminal)
6#, 7#, 8#, 9#: Auxiliary contact (normal open)
10#~11#: Communication output; 12#, 13#: Signal alarm of load 1 output
14#, 15#: Signal alarm of load 2 output; 16#, 17#: Breaking signal output; 18#, 19#: Closing signal output
20#: PE line; 21#: N phase input terminal
22#, 23#, 24#: A, B, C three phase power input terminal (note the sequence) (highest-voltage of AC400V)
25#, 26# Connect to the N phase current transformer or the input terminal of the current leakage transformer.
The normal products without these terminals, if the customer special ordered, the cost extra added.
ST~DP: DP protocol module. There is no need for the ST-DP protocol module, if the communication protocol is Modbus-RTV. But when the communication protocol is Profibus-DP, the ST-DP protocol module is necessary, but the cost extra added.
ST power module IV: power converter (optional components)
ST201: Magnify the signal capacity of the controller. (optional components)
If the customer special ordered, the cost extra added.
27#, 28#: Under-voltage release (Connected to the main circuit); 29#, 30#: Shunt release
31#, 32#: Closing release; 33#, 34#: Energy storage indicator
34#, 35#: Energy storage motor; 36#, 37#: Under-voltage time delay release
38#~51#: Auxiliary contact

Note:

- a. Red colored part is to be connected by users
- b. When the power system is three phase three wire, directly connect the Un to U2.
(If the voltage exceeds 400V, special explanation when ordered)

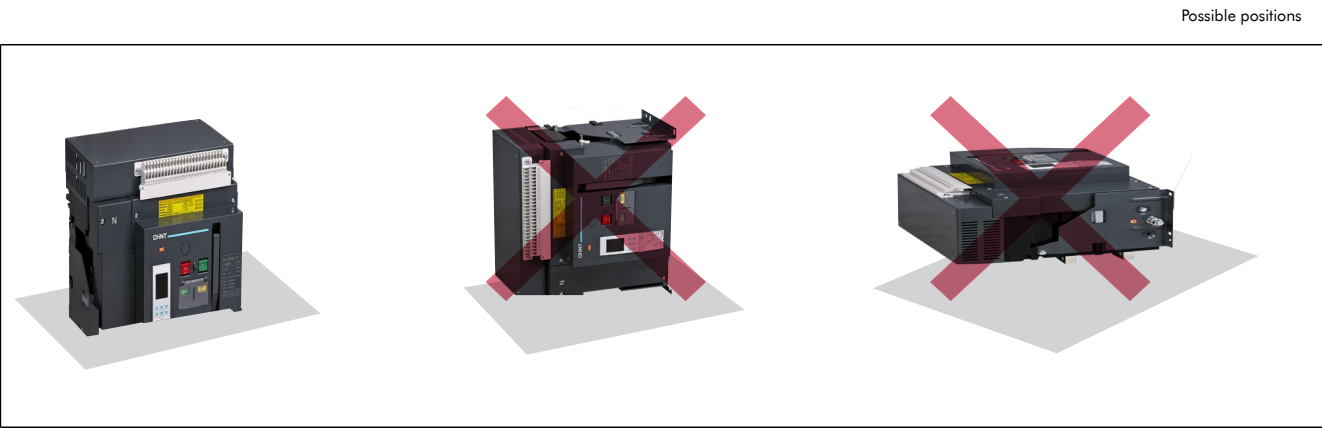


7. Installation

7.1 Installation

7.1.1 Unload the breaker from the soleplate of package. If it is drawout type, firstly pull out the handle under the drawer-base of breaker, and plug it into the hole on central part of plastic cover under the drawer-base crossbeam, anticlockwise turns the handle, the body will slowly slide along the outside of drawer-base.

When the guide rod points to separated position and handle can't be rotated any longer, pull out the handle and firmly grasp the aluminum handle on drawer-base, pull out the breaker body and remove it from the base, then move the base from the sole plate and clean up the dirty things inside the drawer-base.



7.1.2 Check the insulation resistance with a 500V megger, resistance should not be less than 20MΩ when ambient temperature is 20°C ±5°C and relative humidity is 50%~70%. Otherwise dry it.

7.1.3 Power supply

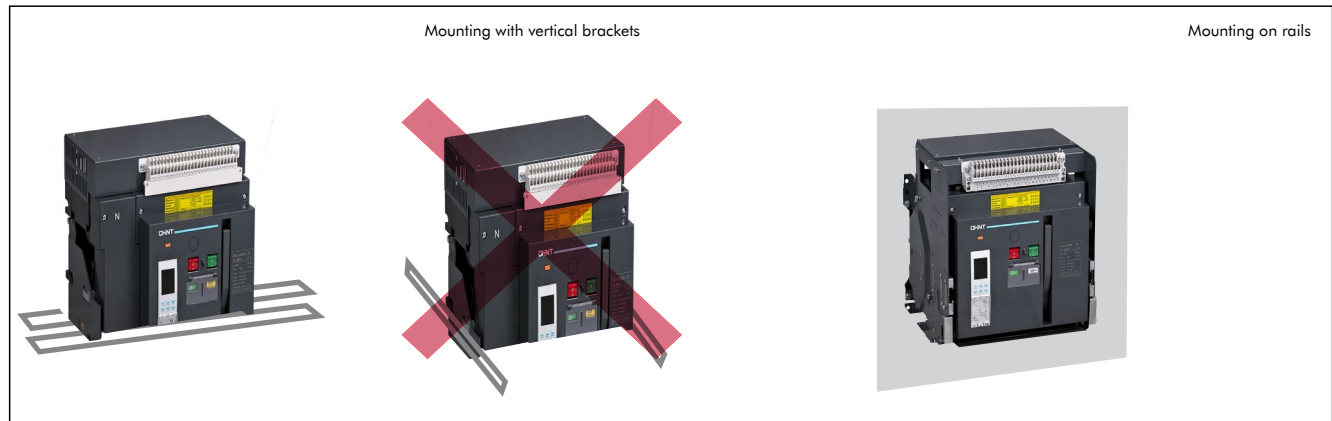
NA1 devices can be supplied either from the top or from the bottom without reduction in performance, in order to facilitate connection when installed in a switchboard.



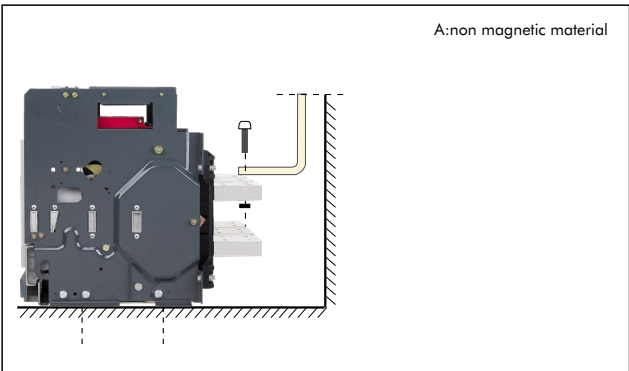
7.1.4 Put the breaker (fixed-type) or drawer-base (drawout-type) into the installation-bracket, and make it fixed, directly connect the cable wire of main circuit to the bus wire of fixed-type circuit breaker. Alternatively put breaker body onto the slideway of drawer-base. Plug the handle into installation hole, clockwise turns it until the under-part of drawer-base points at the connection position and "click" sound is heard. It indicates that breaker body has been connected to its place, then connect the cable of main circuit to drawer-base.

Mounting the circuit-breaker

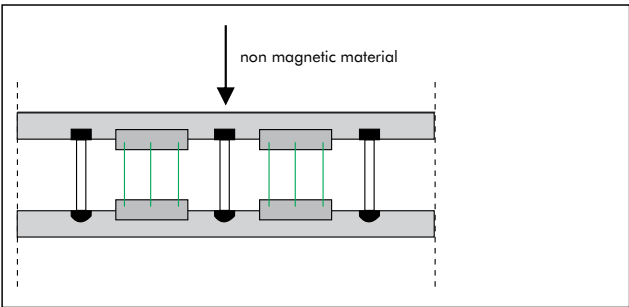
It is important to distribute the weight of the device uniformly over a rigid mounting surface such as rails or a base plate. This mounting plane should be perfectly flat (tolerance on support flatness: 2 mm). This eliminates any risk of deformation which could interfere with correct operation of the circuit breaker. NA1 devices can also be mounted on a vertical plane using the special brackets.



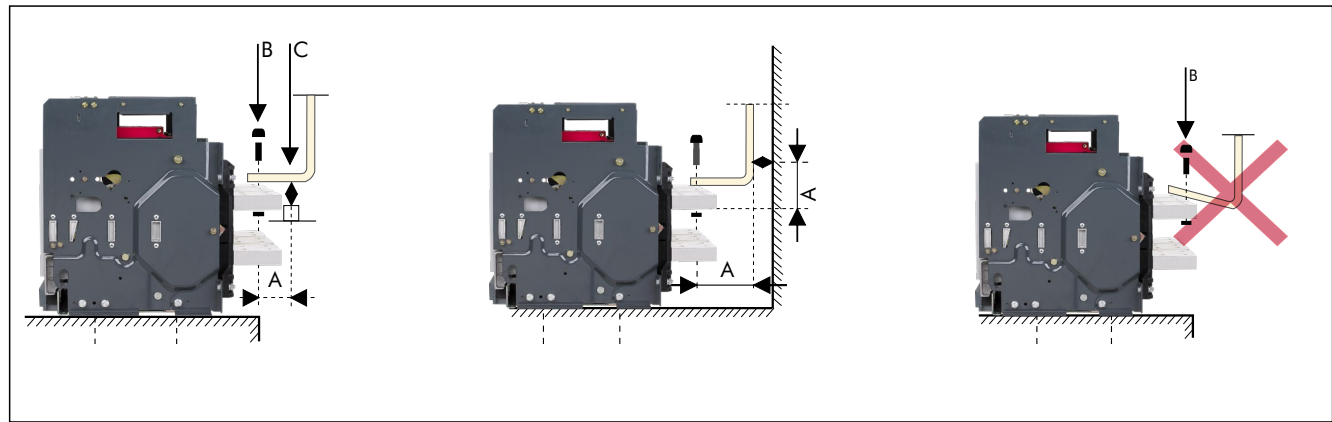
7.1.5 Partitions
Sufficient openings must be provided in partitions to ensure good air circulation around the circuit breaker; Any partition between upstream and downstream connections of the device must be made of nonmagnetic material. For high-currents, of 2500 A and upwards, the metal supports or barriers in the immediate vicinity of a conductor ;Metal barriers through which a conductor passes must not form a magnetic loop.



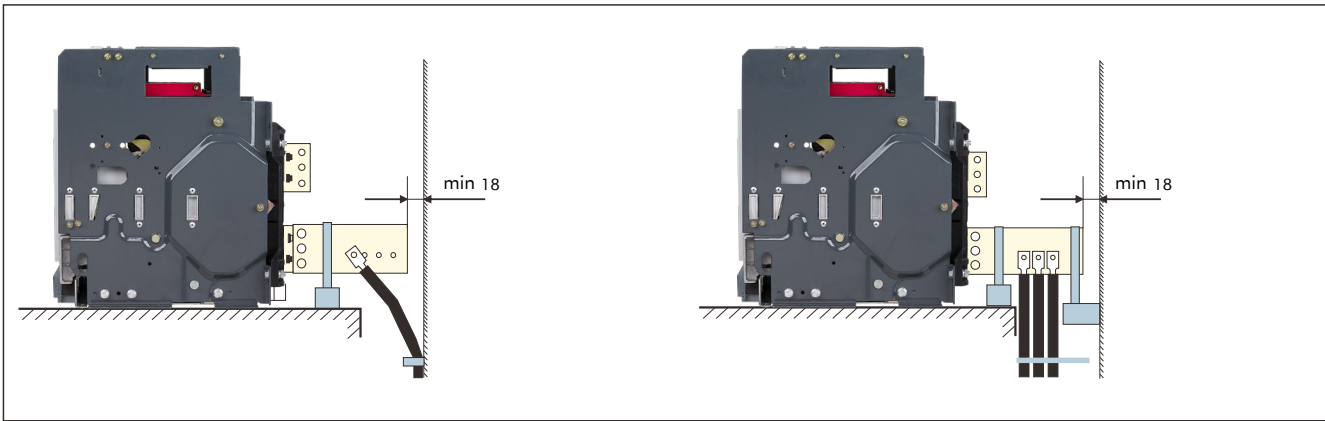
Busbars
The mechanical connection must be exclude the possibility of formation of a magnetic loop around a conductor.



7.1.6 Busbar connections
The busbars should be suitably adjusted to ensure the connection points are positioned on the terminals before the bolts B are inserted. The connections are held by the supporter which is fixed to the framework of the switchboard, in this way the circuit breaker terminals do not have to support its weight C. (This support should be placed close to the terminals).

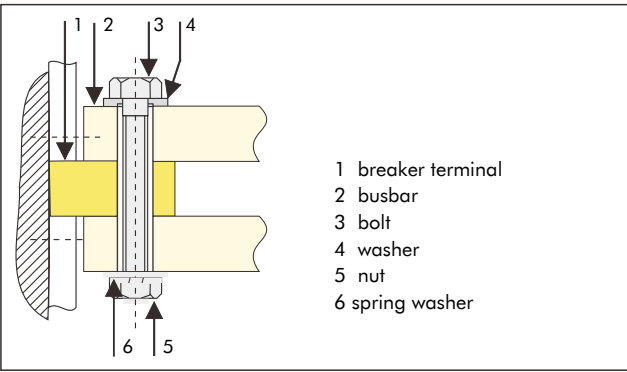


7.1.7 Main circuit adopts cable connection
Users should not apply too strong mechanical strength on the terminals of Air Circuit Breaker. Extend the bus-bar of circuit breaker with connecting bus-bar, position the wiring piece of cable before inserting bolts; the cable should be fixed on the frame of distributing cabinet firmly.

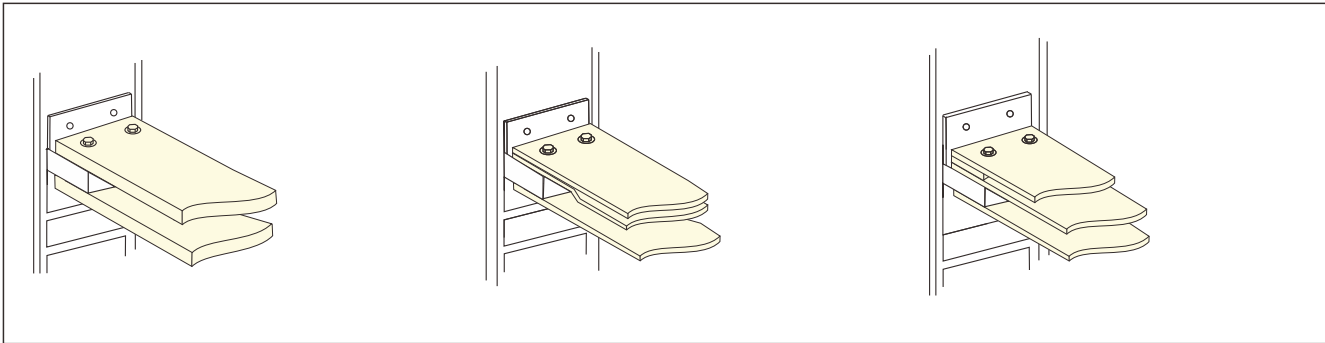


7.1.8 Clamping
Correct clamping of busbars depends on the tightening torques used for the nuts and bolts,etc. Over-tightening may have the same consequences as under-tightening.

For connecting busbars to the circuit breaker, the tightening torques to be used are shown in the table below. These values are for use with copper busbars and steel nuts and bolts, class ≥8.8.

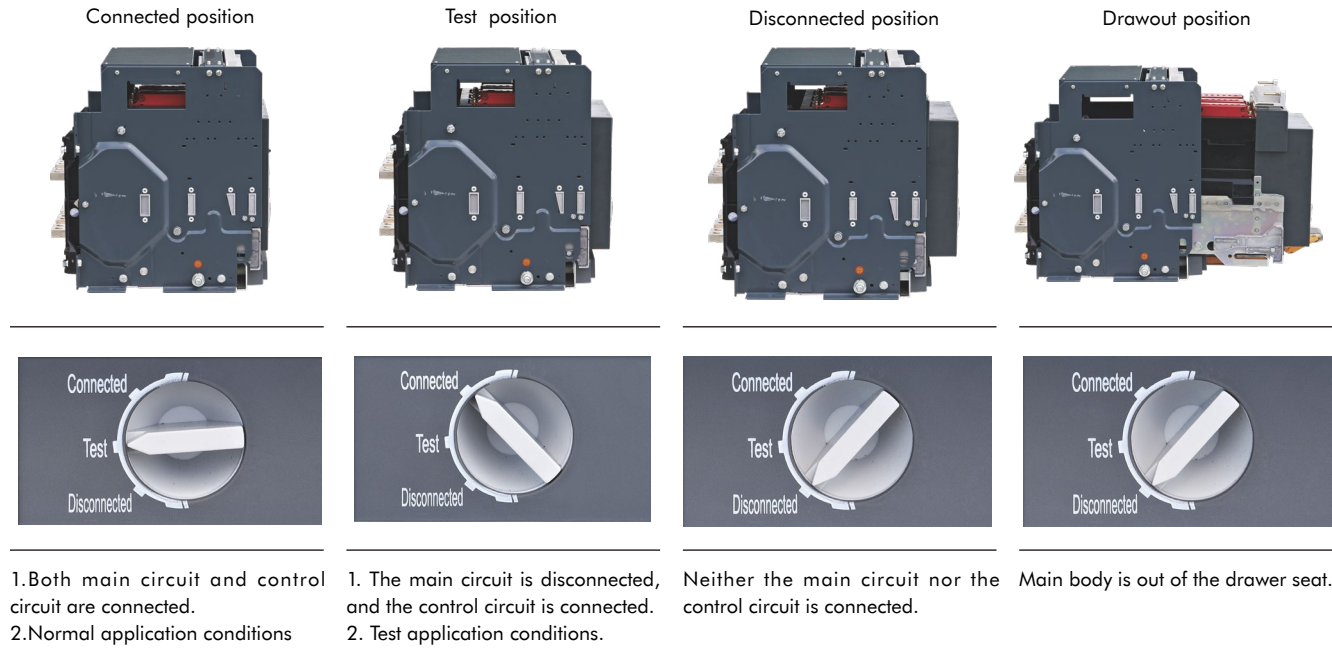


Examples



Preferred tightening torque for NA1's tightening components

Type of screw	Application	Preferred tightening torque
M3	Screws for secondary terminals	0.4~0.5 N·m
M10	Installing bolts of Air Circuit Breaker	38~55 N·m
M12	Connection terminals	61~94 N·m



7.2 Wiring the secondary circuit according to electric principle diagram.
Note: Bolts, nuts, gaskets shouldn't be left inside the drawer seat to avoid being blocked.

7.3 Operation

Check the rated voltage of the following components whether conforms to the power voltage . Such as under voltage release, shunt release, closing electromagnet, motor-driven mechanism and intelligent controller.

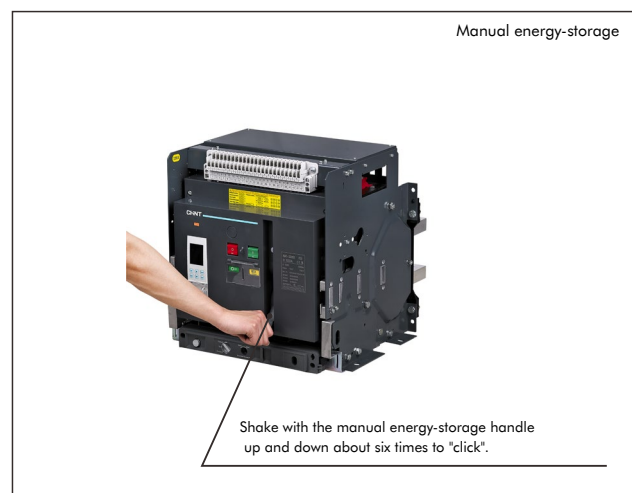
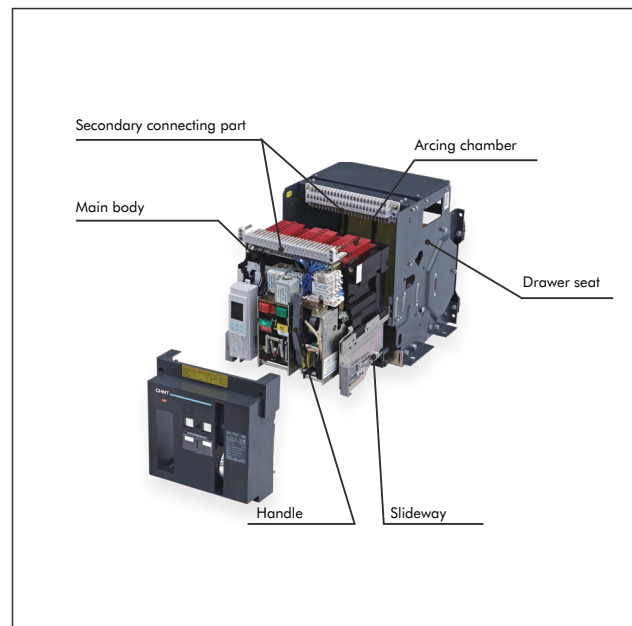
7.4 Maintenance

Check the technical parameters in time or add some lubricating oil, etc. This breaker structure is arranged vertically and modularized composition with each functioncell separated, which make the maintenance easy. It has compact structure, reliable operation and strong free maintenance capability. Please check the technical parameters on the nameplate in accordance with the requirements of order before installation.

Making the secondary circuit power, the motor-driven mechanism can store energy automatically until hearing the click and energy stored indicating on the panel.

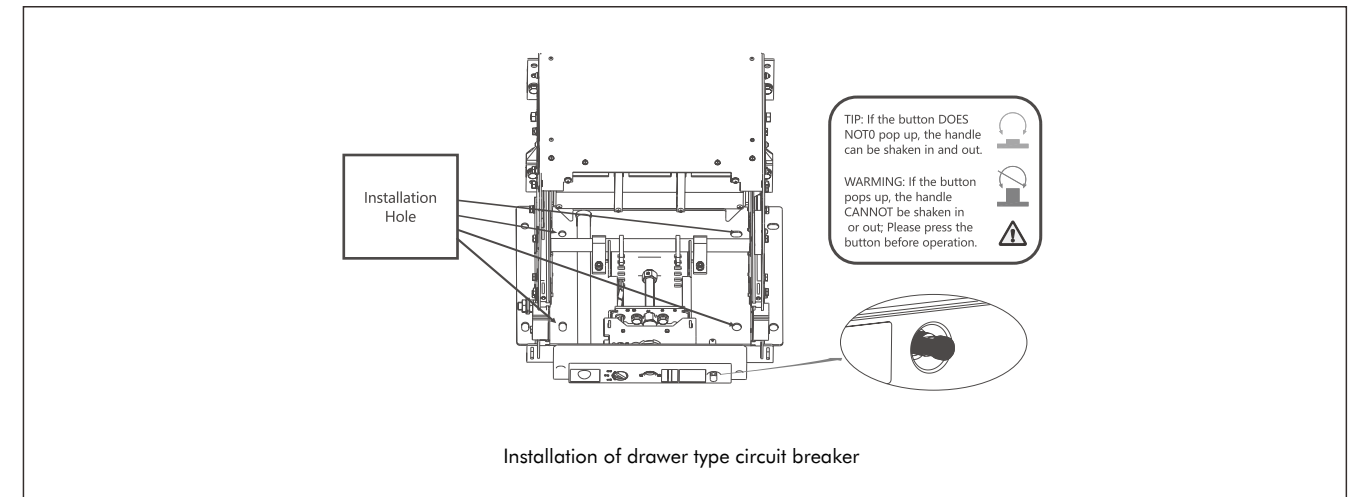
Otherwise press the storage handle for 6 times until hearing the click and the indicator display energy stored

And the closing operation can be realized either by closing electromagnet or manual button.



7.5 Installation of withdrawable circuit breaker

7.5.1 Install the drawer seat of NA1-1000X on the mounting plate in the cabinet. Use four M8 bolts (with gasket) to secure the drawer seat, with installation torque of $(10.3 \sim 14.4) \text{N} \cdot \text{m}$; install the drawer seat of NA1-2000X~6300X on the mounting plate in the cabinet; use four M10 bolts (with gasket) to secure the drawer seat, with installation torque of $(20 \sim 28) \text{N} \cdot \text{m}$, see Figure (You can use special bracket to install the withdrawable circuit breaker vertically).



7.5.2 For NA1-1000X type circuit breaker, put the body directly on the rail of drawer seat and push the body into the drawer seat until it meets resistance; for NA1-2000X~6300X type, pull out the rail and put the body on the rail as shown in the figure. Remember to put the two bracket holder into the slots of the rail, then push the body into the drawer seat until it meets resistance.

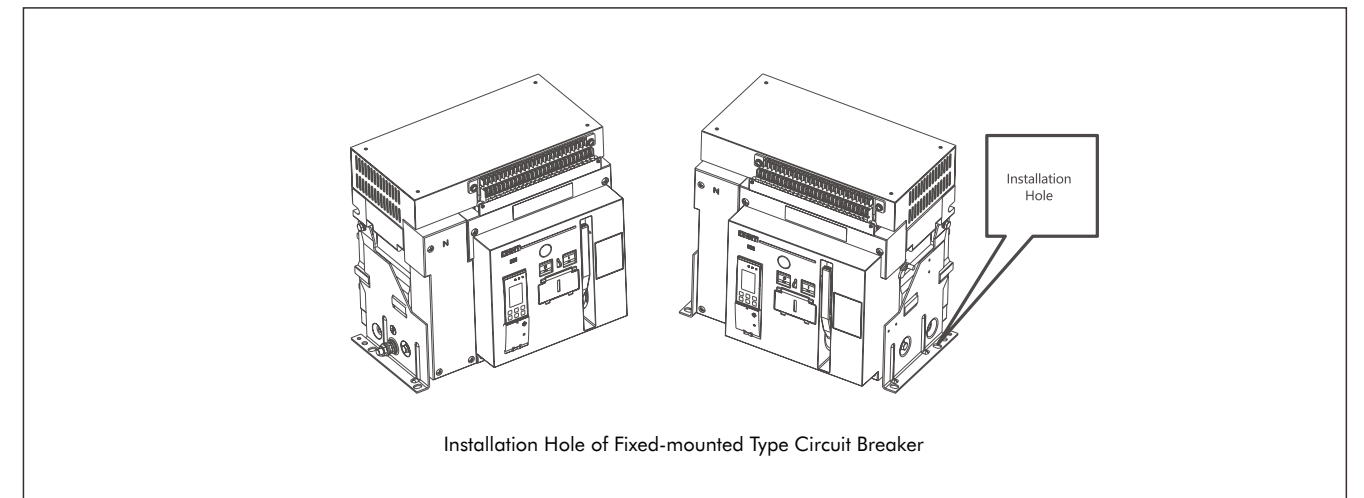
7.5.3 By shaking the handle clockwise, the Circuit Breaker is pushed inward. By shaking the handle counterclockwise, the Circuit Breaker is exited outward. During the process of shaking in and out of the handle, when the position indicator indicates the "Separation", "Trial" and "Connection" positions, the Circuit Breaker will automatically lock, and the "Unlock" button will pop up. Only after pressing the button down, the handle can continue to be shaken in and out.

Note:

- Before putting the body into the drawer seat, check if the rated current of the body is consistent with that of the drawer seat, other wise the product might be damaged.
- When rotating from "Test" position to "Connect" position, you must break the circuit breaker first to avoid any possible accident.

7.6 Installation of fixed type circuit breaker

Put the circuit breaker (fixed type) on the mounting bracket, secure the circuit breaker and connect the main circuit busbar directly with the busbar of the fixed type circuit breaker.



Note: It is very important to distribute the weight of the circuit breaker evenly on the rigid mounting surface (for example, mounting on rail or baseplate). The mount surface should be level (tolerance: 2mm) to avoid deformation that may impact the normal operation of the circuit breaker.

8. Recommendation for user's connecting bus-bar

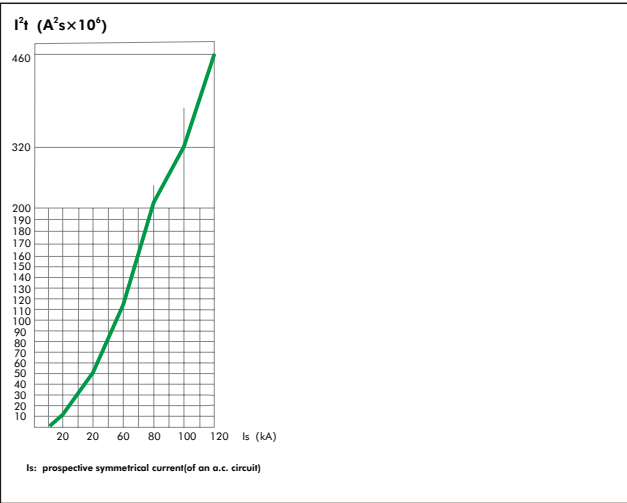
Inm(A)		NA1-1000 X					NA1-2000X/NA1-2000XN/NA1-2000XH					NA1-3200X/NA1-3200XN			NA1-4000X		NA1-6300X/NA1-6300XN			
In(A)		200	400	630	800	1000	630	800	1000	1250	1600	2000	2000	2500	3200	4000/3P	4000/4P	4000	5000	6300
Busbar	Thickness(mm)	5	5	5	6	8	5	6	8	10	12	10	8	10	10	10	-	10	10	10
	Width(mm)	30	30	40	50	50	60	60	60	60	60	60	100	100	100	120	-	100	100	100
	Number	1	2	2	2	2	2	2	2	2	2	3	2	2	4	4	-	5	7	8

Note: the specifications in the table is obtained as the ambient temperature of air circuit breaker is 40°C , with open installation; this is in compliance with the specification of copper busbars adopted under the heating conditions regulated in IEC/EN60947-2.

9. Power loss

Inm(A)		NA1-1000 X					NA1-2000X/NA1-2000XN/NA1-2000XH					NA1-3200X/NA1-3200XN			NA1-4000X		NA1-6300X/NA1-6300XN			
In(A)		200	400	630	800	1000	630	800	1000	1250	1600	2000	2000	2500	3200	4000/3P	4000/4P	4000	5000	6300
Power loss (W)	Drawer type	40	101	123	110	171	70	110	172	268	440	530	384	600	737	921	-	575	898	1426
	Fixed type	33	85	107	94	146	34.4	50	78	122	200	262	200	312	307	450	-	-	-	-

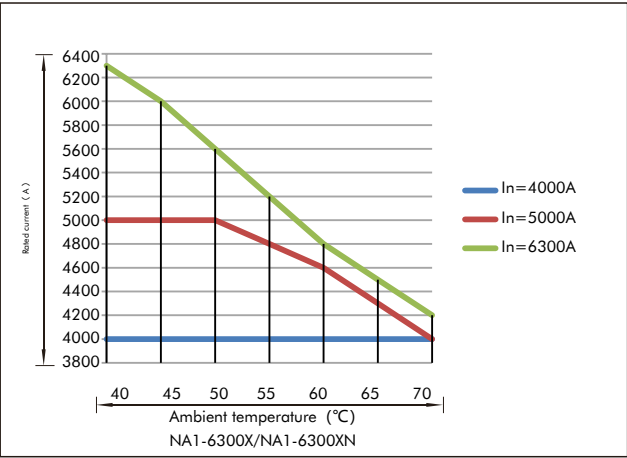
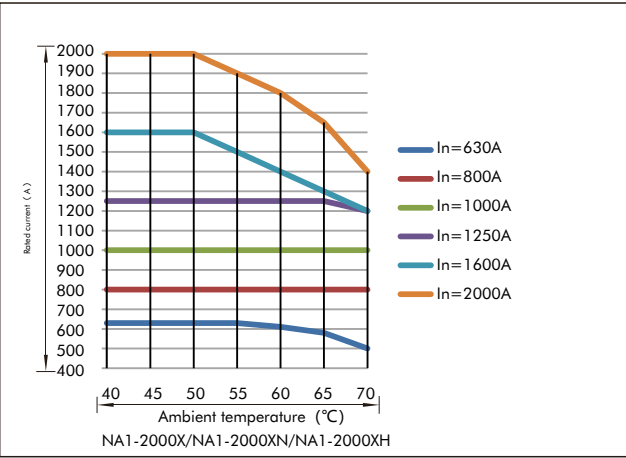
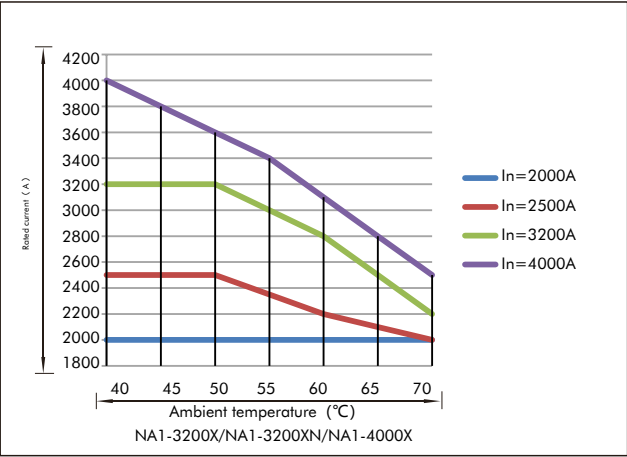
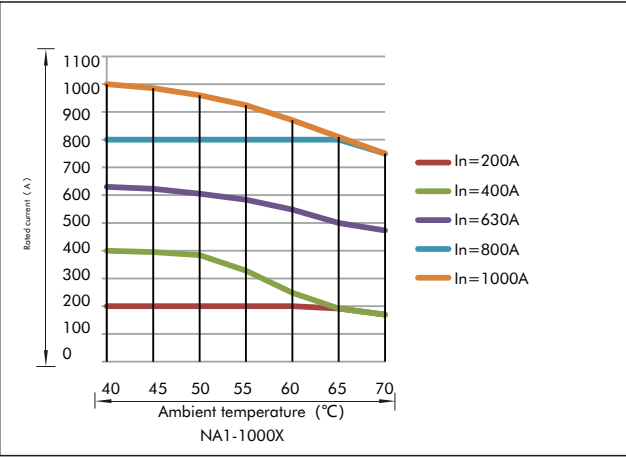
10. A²S curve



11. Temperature compensation correction

Standard	Ambient temperature	NA1-1000X					NA1-2000X/NA1-2000XN/NA1-2000XH						NA1-3200X/NA1-3200XN NA1-4000X				NA1-6300X/ NA1-6300XN		
IEC/EN60947-2	40°C	200	400	630	800	1000	630	800	1000	1250	1600	2000	2000	2500	3200	4000	4000	5000	6300
	45°C	200	395	623	800	985	630	800	1000	1250	1600	2000	2000	2500	3200	3800	4000	5000	6000
	50°C	200	384	605	800	960	630	800	1000	1250	1600	2000	2000	2500	3200	3600	4000	5000	5600
	55°C	200	328	584	800	924	630	800	1000	1250	1500	1900	2000	2300	3000	3400	4000	4800	5400
	60°C	200	248	548	800	870	610	800	1000	1250	1300	1800	2000	2200	2800	3200	4000	4800	5200
	65°C	192	192	500	800	810	610	800	1000	1250	1300	1650	2000	2200	2600	3000	4000	4600	5100
	70°C	170	170	473	750	750	473	800	1000	1200	1200	1400	2000	2000	2200	2520	4000	4000	4200

Note: The ACB is to calibrated at 40°C , special application please refer to the table above and the curve below.



12. Coordination recommendations

Capacity of transformer (kVA) & parallelly connected number	Rated current of transformer In(A)	Short circuit current of main circuit (kA)	Breaking capacity of air circuit breaker for main circuit (kA)	Type of air circuit breaker for main circuit	Number and area of the busbar for main circuit (n×W×T)	Breaking capacity of air circuit breaker for branch circuit (kA)	Air circuit breaker for branch circuit
1×250	360	9	9	NA1-1000X-400	2×(5×30)	9	NA1, NM8
2×250	360	9	9	NA1-1000X-400		18.5	
3×250	360	9	18.5	NA1-1000X-400		27.5	
1×315	455	11.4	11.4	NA1-1000X-630	2×(5×40)	11.4	NA1, NM8
2×315	455	11.4	11.4	NA1-1000X-630		22.7	
3×315	455	11.4	22.7	NA1-1000X-630		34.1	
1×400	578	14.4	14.4	NA1-1000X-630	2×(5×40)	14.4	NA1, NM8
2×400	578	14.4	14.4	NA1-1000X-630		28.8	
3×400	578	14.4	28.8	NA1-1000X-630		43.2	
1×500	722	18	18	NA1-1000X-800	2×(6×50)	18	NA1, NM8
2×500	722	18	18	NA1-1000X-800		36.1	
3×500	722	18	36.1	NA1-1000X-800		54.1	
1×630	910	22.7	22.7	NA1-1000X-1000	2×(8×50)	22.7	NA1, NM8
2×630	910	22.7	22.7	NA1-1000X-1000		44.5	
3×630	910	22.7	44.5	NA1-1000X-1000		67.2	
1×800	1154	19.3	19.3	NA1-2000X-1250	2×(10×60)	19.3	NA1, NM8
2×800	1154	19.3	19.3	NA1-2000X-1250		38.5	
3×800	1154	19.3	38.5	NA1-2000X-1250		57.8	
1×1000	1444	24	24	NA1-2000X-1600	2×(12×60)	24	NA1, NM8
3×1000	1444	24	24	NA1-2000X-1600		48.1	
3×1000	1444	24	48.1	NA1-2000X-1600		72.1	
1×1250	1805	30	30	NA1-2000X-2000	3×(10×60)	30	NA1, NM8
2×1250	1805	30	30	NA1-2000X-2000		60.1	
3×1250	1805	30	60.1	NA1-2000X-2000		90.1	
1×1600	2310	36.5	36.5	NA1-3200X-2500	2×(10×100)	36.5	NA1, NM8
2×1600	2310	36.5	36.5	NA1-3200X-2500		73	
3×1600	2310	36.5	73	NA1-3200X-2500		109.5	
1×2000	2887	48.2	48.2	NA1-3200X-3200	4×(10×100)	48.2	NA1, NM8
2×2000	2887	48.2	48.2	NA1-3200X-3200		96.3	
3×2000	2887	48.2	96.3	NA1-3200X-3200		144.5	
1×2500	3608	60	60	NA1-6300X-4000	4×(10×120)	60	NA1, NM8
2×2500	3608	60	60	NA1-6300X-4000		120	
1×3150	4550	75.8	75.8	NA1-6300X-5000	7×(10×100)	75.8	NA1, NM8
2×3150	4550	75.8	75.8	NA1-6300X-5000		151.6	

13. Selectivity protection

13.1 Selective protection between NM8 and NA1

				Circuit breaker	NA1-2000X/NA1-2000XN/NA1-2000XH						NA1-3200X/NA1-3200XN			NA1-4000X	NA1-6300X/NA1-6300XN				
Downstream			Upstream	Rated current (A)	630	800	1000	1250	1600	2000	2000	2500	3200	4000	4000	5000	6300		
				Default setting ratings of short time-delay 8In (kA)	5.04	6.4	8	10	12.8	16	16	20	25.6	32	32	40	50.4		
				Setting range (kA)	0.63 ~ 9.45	0.8~12	1~15	1.25~18.75	1.6~24	2~30	2~30	2.5~37.7	3.2~48	4~60	4~60	5~75	6.3~94.5		
				Delayed tripping time (s)	0.1, 0.2, 0.3, 0.4						0.1, 0.2, 0.3, 0.4								
				Returnable time	0.06, 0.14, 0.23, 0.35						0.06, 0.14, 0.23, 0.35								
Frame size rated current	Rated current (A)	Instantaneous setting ratings (kA)																	
NM8-125 NM8S-125	16	0.16 0.19(motor)			0.63~9.45 0.63~9.45	0.8~12 0.8~12	1~15 1~15	1.25~18.75 1.25~18.75	1.6~24 1.6~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	20	0.2 0.24(motor)			0.63~9.45 0.63~9.45	0.8~12 0.8~12	1~15 1~15	1.25~18.75 1.25~18.75	1.6~24 1.6~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	25	0.25 0.30(motor)			0.63~9.45 0.63~9.45	0.8~12 0.8~12	1~15 1~15	1.25~18.75 1.25~18.75	1.6~24 1.6~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	32	0.32 0.38(motor)			0.63~9.45 0.63~9.45	0.8~12 0.8~12	1~15 1~15	1.25~18.75 1.25~18.75	1.6~24 1.6~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	40	0.40 0.48(motor)			0.63~9.45 0.6624~9.45	0.8~12 0.8~12	1~15 1~15	1.25~18.75 1.25~18.75	1.6~24 1.6~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	50	0.50 0.60(motor)			0.69~9.45 0.828~9.45	0.8~12 0.828~12	1~15 1~15	1.25~18.75 1.25~18.75	1.6~24 1.6~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	63	0.63 0.75(motor)			0.8694~9.45 1.035~9.45	0.8694~12 1.035~12	1~15 1.035~15	1.25~18.75 1.25~18.75	1.6~24 1.6~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	80	0.80 0.96(motor)			1.104~9.45 1.325~9.45	1.104~12 1.325~12	1.104~15 1.325~15	1.25~18.75 1.325~18.75	1.6~24 1.6~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	100	1.0 1.20(motor)			1.38~9.45 1.656~9.45	1.38~12 1.656~12	1.38~15 1.656~15	1.38~18.75 1.656~18.75	1.6~24 1.656~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
NM8-250 NM8S-250	125	1.25 1.5(motor)			1.725~9.45 2.07~9.45	1.725~12 2.07~12	1.725~15 2.07~15	1.725~18.75 2.07~18.75	1.725~24 2.07~24	1.725~30 2.07~30	1.725~30 2.07~30	1.725~37.7 2.07~37.7	1.725~48 2.07~48	1.725~60 2.07~60	1.725~60 2.07~60	1.725~75 2.07~75	1.725~94.5 2.07~94.5		
	100	1.0 1.2(motor)			1.38~9.45 1.656~9.45	1.38~12 1.656~12	1.38~15 1.656~15	1.38~18.75 1.656~18.75	1.6~24 1.656~24	2~30 2~30	2~30 2~30	2.5~37.7 2.5~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	160	1.6 1.92(motor)			2.208~9.45 2.65~9.45	2.208~12 2.65~12	2.208~15 2.65~15	2.208~18.75 2.65~18.75	2.208~24 2.65~24	2.208~30 2.65~30	2.208~30 2.65~30	2.5~37.7 2.65~37.7	3.2~48 3.2~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	200	2.0 2.4(motor)			2.76~9.45 3.312~9.45	2.76~12 3.312~12	2.76~15 3.312~15	2.76~18.75 3.312~18.75	2.76~24 3.312~24	2.76~30 3.312~30	2.76~30 3.312~30	2.76~37.7 3.312~37.7	2.76~48 3.312~48	4~60 4~60	4~60 4~60	5~75 5~75	6.3~94.5 6.3~94.5		
	250	2.5 3.0(motor)			3.45~9.45 4.14~9.45	3.45~12 4.14~12	3.45~15 4.14~15	3.45~18.75 4.14~18.75	3.45~24 4.14~24	3.45~30 4.14~30	3.45~30 4.14~30	3.45~37.7 4.14~37.7	3.45~48 4.14~48	4~60 4.14~60	4~60 4.14~60	5~75 5~75	6.3~94.5 6.3~94.5		

				Circuit breaker	NA1-2000X/NA1-2000XN/NA1-2000XH								NA1-3200X/NA1-3200XN			NA1-4000X	NA1-6300X/NA1-6300XN		
Downstream			Upstream	Rated current (A)	630	800	1000	1250		1600	2000		2000	2500	3200	4000	4000	5000	6300
				Default setting ratings of short time-delay 8In (kA)	5.04	6.4	8	10		12.8	16		16	20	25.6	32	32	40	50.4
				Setting range (kA)	0.63 ~ 9.45	0.8~12	1~15	1.25~18.75		1.6~24	2~30		2~30	2.5~37.7	3.2~48	4~60	4~60	5~75	6.3~94.5
				Delayed tripping time (s)	0.1, 0.2, 0.3, 0.4					0.1, 0.2, 0.3, 0.4									
				Returnable time	0.06, 0.14, 0.23, 0.35					0.06, 0.14, 0.23, 0.35									
Frame size rated current	Rated current (A)	Instantaneous setting ratings (kA)																	
NM8-630 NM8S-630	250	2.5 3.0(motor)			3.45~9.45 4.14~9.45	3.45~12 4.14~12	3.45~15 4.14~15	3.45~18.75 4.14~18.75		3.45~24 4.14~24	3.45~30 4.14~30		3.45~30 4.14~30	3.45~37.7 4.14~37.7	3.45~48 4.14~48	3.45~60 4.14~60	3.45~60 4.14~60	3.45~75 4.14~75	3.45~94.5 4.14~94.5
	315	3.15 3.78(motor)			4.347~9.45 5.216~9.45	4.347~12 5.216~12	4.347~15 5.216~15	4.347~18.75 5.216~18.75		4.347~24 5.216~24	4.347~30 5.216~30		4.347~30 5.216~30	4.347~37.7 5.216~37.7	4.347~48 5.216~48	4.347~60 5.216~60	4.347~60 5.216~60	4.347~75 5.216~75	4.347~94.5 5.216~94.5
	350	3.5 4.2(motor)			4.83~9.45 5.796~9.45	4.83~12 5.796~12	4.83~15 5.796~15	4.83~18.75 5.796~18.75		4.83~24 5.796~24	4.83~30 5.796~30		4.83~30 5.796~30	4.83~37.7 5.796~37.7	4.83~48 5.796~48	4.83~60 5.796~60	4.83~60 5.796~60	4.83~75 5.796~75	4.83~94.5 5.796~94.5
	400	4.0 4.8(motor)			5.52~9.45 6.624~9.45	5.52~12 6.624~12	5.52~15 6.624~15	5.52~18.75 6.624~18.75		5.52~24 6.624~24	5.52~30 6.624~30		5.52~30 6.624~30	5.52~37.7 6.624~37.7	5.52~48 6.624~48	5.52~60 6.624~60	5.52~60 6.624~60	5.52~75 6.624~75	5.52~94.5 6.624~94.5
	500	5.0 6.0(motor)			6.9~9.45 8.28~9.45	6.9~12 8.28~12	6.9~15 8.28~15	6.9~18.75 8.28~18.75		6.9~24 8.28~24	6.9~30 8.28~30		6.9~30 8.28~30	6.9~37.7 8.28~37.7	6.9~48 8.28~48	6.9~60 8.28~60	6.9~60 8.28~60	6.9~75 8.28~75	6.9~94.5 8.28~94.5
NM8S-630	630	6.3 7.56(motor)			8.694~9.45	8.694~12 10.44~12	8.694~15 10.44~15	8.694~18.75 10.44~18.75		8.694~24 10.44~24	8.694~30 10.44~30		8.694~30 10.44~30	8.694~37.7 10.44~37.7	8.694~48 10.44~48	8.694~60 10.44~60	8.694~60 10.44~60	8.694~75 10.44~75	8.694~94.5 10.44~94.5
	630	6.3 7.56(motor)			8.694~9.45	8.694~12 10.44~12	8.694~15 10.44~15	8.694~18.75 10.44~18.75		8.694~24 10.44~24	8.694~30 10.44~30		8.694~30 10.44~30	8.694~37.7 10.44~37.7	8.694~48 10.44~48	8.694~60 10.44~60	8.694~60 10.44~48	8.694~75 10.44~75	8.694~94.5 10.44~94.5
	700	7.0 8.4(motor)				9.66~12 11.59~12	9.66~15 11.59~15	9.66~18.75 11.59~18.75		9.66~24 11.59~24	9.66~30 11.59~30		9.66~30 11.59~30	9.66~37.7 11.59~37.7	9.66~48 11.59~48	9.66~60 11.59~60	9.66~48 11.59~60	9.66~75 11.59~75	9.66~94.5 11.59~94.5
NM8-1250 NM8S-1250	800	8.0 9.6(motor)				11.04~12	11.04~15 13.25~15	11.04~18.75 13.25~18.75		11.04~24 13.25~24	11.04~30 13.25~30		11.04~30 13.25~30	11.04~37.7 13.25~37.7	11.04~48 13.25~48	11.04~60 13.25~60	11.04~60 13.25~60	11.04~75 13.25~75	11.04~94.5 13.25~94.5
	1000	10 12(motor)					13.8~15	13.8~18.75 16.56~18.75		13.8~24 16.56~24	13.8~30 16.56~30		13.8~30 16.56~30	13.8~37.7 16.56~37.7	13.8~48 16.56~48	13.8~60 16.56~60	13.8~60 16.56~60	13.8~75 16.56~75	13.8~94.5 16.56~94.5
	1250	12.5 15.0(motor)						17.25~18.75		17.25~24 20.7~24	17.25~30 20.7~30		17.25~30 20.7~30	17.25~37.7 20.7~37.7	17.25~48 20.7~48	17.25~60 20.7~60	17.25~60 20.7~60	17.25~75 20.7~75	17.25~94.5 20.7~94.5

13.2 Selective protection in NA1

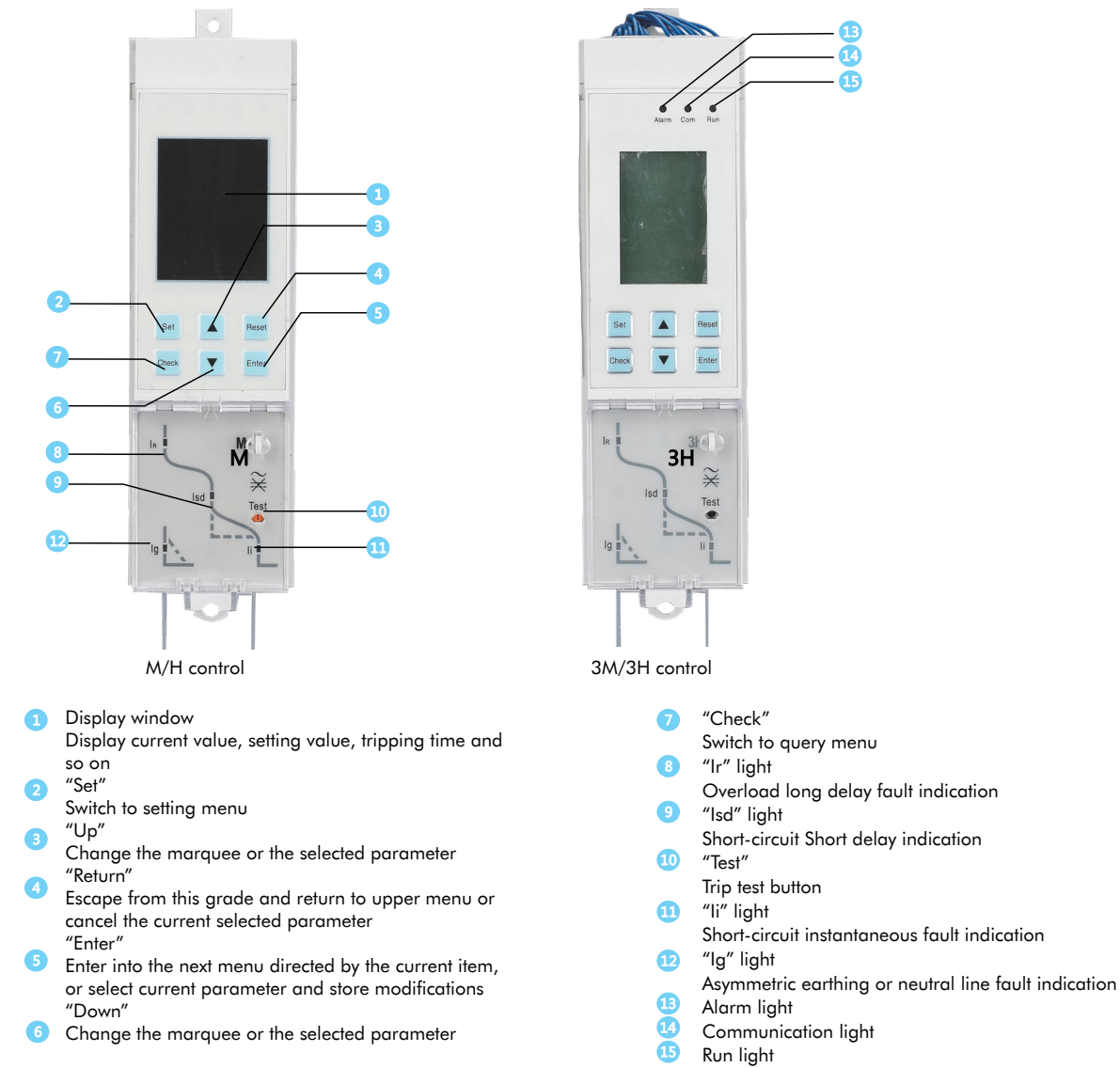
				Circuit breaker	NA1-2000X/NA1-2000XN/NA1-2000XH						NA1-3200X/NA1-3200XN			NA1-4000X	NA1-6300X/NA1-6300XN				
Downstream			Upstream	Rated current (A)	630	800	1000	1250	1600	2000	2000	2500	3200	4000	4000	5000	6300		
				Default setting ratings of short time-delay 8In (kA)	5.04	6.4	8	10	12.8	16	16	20	25.6	32	32	40	50.4		
				Setting range (kA)	0.63 ~ 9.45	0.8~12	1~15	1.25~18.75	1.6~24	2~30	2~30	2.5~37.7	3.2~48	4~60	4~60	5~75	6.3~94.5		
				Delayed tripping time (s)	0.1, 0.2, 0.3, 0.4						0.1, 0.2, 0.3, 0.4								
				Returnable time	0.06, 0.14, 0.23, 0.35						0.06, 0.14, 0.23, 0.35								
Frame size rated current	Rated current (A)	Default instantaneous setting ratings 12In (kA)																	
NA1-2000X	400	4.8			6.348~9.45	6.348~12	6.348~15	6.348~18.75	6.348~24	6.348~30	6.348~30	6.348~37.7	6.348~48	6.348~60	6.348~60	6.348~75	6.348~94.5		
	630	7.56				9.998~12	9.998~15	9.998~18.75	9.998~24	9.998~30	9.998~30	9.998~37.7	9.998~48	9.998~60	9.998~60	9.998~75	9.998~94.5		
	800	9.6					12.696~15	12.696~18.75	12.696~24	12.696~30	12.696~30	12.696~37.7	12.696~48	12.696~60	12.696~60	12.696~75	12.696~94.5		
	1000	12						15.87~18.75	15.87~24	15.87~30	15.87~30	15.87~37.7	15.87~48	15.87~60	15.87~60	15.87~75	15.87~94.5		
	1250	15							19.837~24	19.837~30	19.837~30	19.837~37.7	19.837~48	19.837~60	19.837~60	19.837~75	19.837~94.5		
NA1-3200X	1600	19.2								25.392~30	25.392~30	25.392~37.7	25.392~48	25.392~60	25.392~60	25.392~75	25.392~94.5		
	2000	24										31.74~37.7	31.74~48	31.74~60	31.74~60	31.74~75	31.74~94.5		
	2000	24										31.74~37.7	31.74~48	31.74~60	31.74~60	31.74~75	31.74~94.5		
NA1-4000X	2500	30											39.675~48	39.675~60	39.675~60	39.675~75	39.675~94.5		
	3200	38.4												50.784~60	50.784~60	50.784~75	50.784~94.5		
	3200	38.4												50.784~60	50.784~60	50.784~75	50.784~94.5		
NA1-6300X	4000	48														63.48~75	63.48~94.5		
	4000	48														63.48~75	63.48~94.5		
	5000	60															79.35~94.5		
6300	75																		

Note: It can satisfy the selective protection if only the short time-delay setting value of the superior breaker 1.32 times more than the subordinate breaker, when the instantaneous setting value is adjustive.

Intelligent Controller of NA1 series

14. Protection Features of intelligent controller

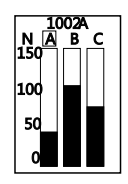
14.1 M/H and 3M/3H intelligent controller UI



Note: Method of 3M/3H controller application please refer to 3M/3H controller instruction.

14.2 3M/3H controller default interface and menu structure 3M/3H controller has four subjects menus and a default interface:
The subjects menus are composed of 4 parts: measurement menu, parameter set menu, protection parameter set menu, history and maintenance menu.

3M/3H controller default interface



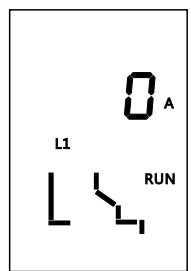
14.3 Explanation of M/H controller symbols

14.3.1 Explanation of symbols for reference

No.	symbol	NA1-2000X/NA1-2000XN/NA1-2000XH
1	Ir= tr=	Long delay current setting, long delay time setting
2	Isd= tsd=	Short delay current setting, short delay time setting
3	Ig= tg=	Earthing current setting, earthing time setting
4	Ii=	Instantaneous current setting
5	N=	Neutral line protection parameter setting
6	TM	Trip simulated by software
7	TRIP	Tripped
8	RUN	Run normally
9	SET	Normally on: in settable state; Flickering: modifiable parameter
10	LIN	Storing state
11	P 0	Protection setting interface
12	TES	Trip simulated by software setting interface
13	RLR	Alarm setting or query interface
14	SYS	System setting interface (current calibration , frequency setting ...)
15	DBS	Communication setting interface of H-type controller
16	DOS	DO setting interface (H type with DO function)
17	FRU	Fault record query interface
18	COU	Operation times and life query interface
19	HDT	Thermal capacity query interface
20	DOC	DO state query interface
21	H	Thermal capacity data
22	F--	Fault record number
23	R--	Alarm record number
24	Lg L1 L2 L3 LN	Earthing ,A,B,C,N phase
25	L L	The corresponding LED lamp will flash to indicate the fault type after tripping. The LED lamps are always on when the system is normal.

14.3.2 Operation and display instruction

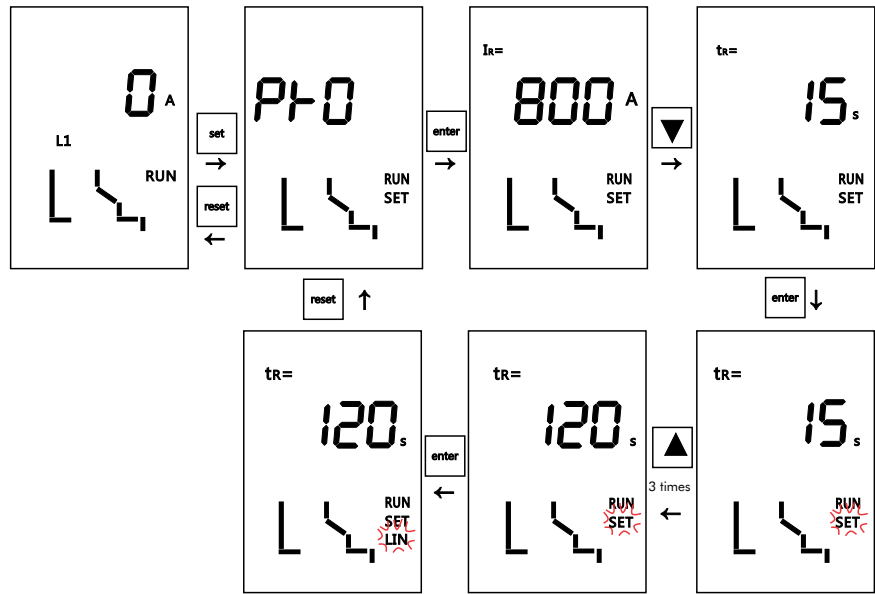
There are four states, default state, setting state, query state and tripping state.
① Default state: default state is also called measuring state. All fault indicating lamps are off and maximum phase current is displayed.
In this state, if “▲” or “▼” button is pressed, L1,L2,L3(LN),Lg current can be displayed in turn.
Example is shown below:



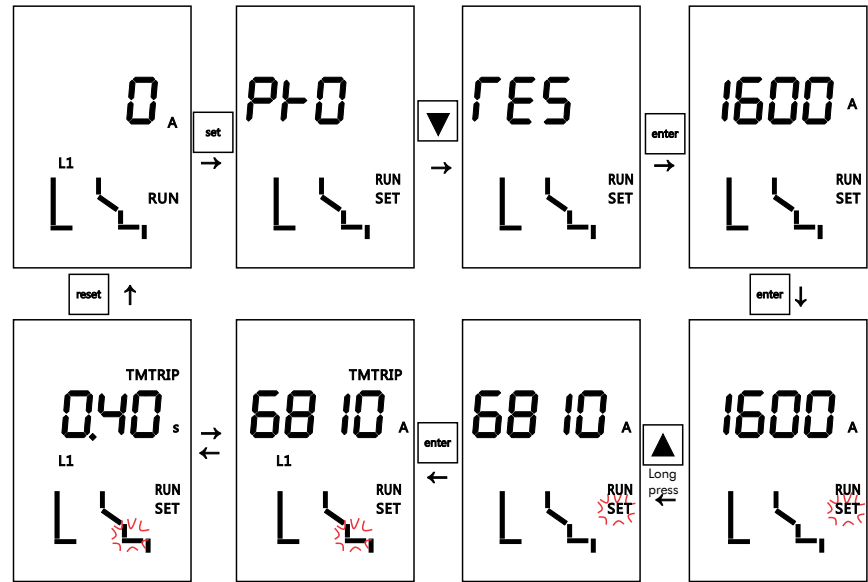
L1 phase current display interface

② Setting state: press “Set” button in default interface to enter into setting interface. Current protection parameters, overload pre-alarm value, earthing alarm threshold value and delay time can be queried or changed in setting state. Tripping can be simulated by software. In this state, “▲” or “▼” button can be pressed to add or subtract value when “SET” indicating lamp is flickering. Don’t forget to press “Enter” button to save data after setting.

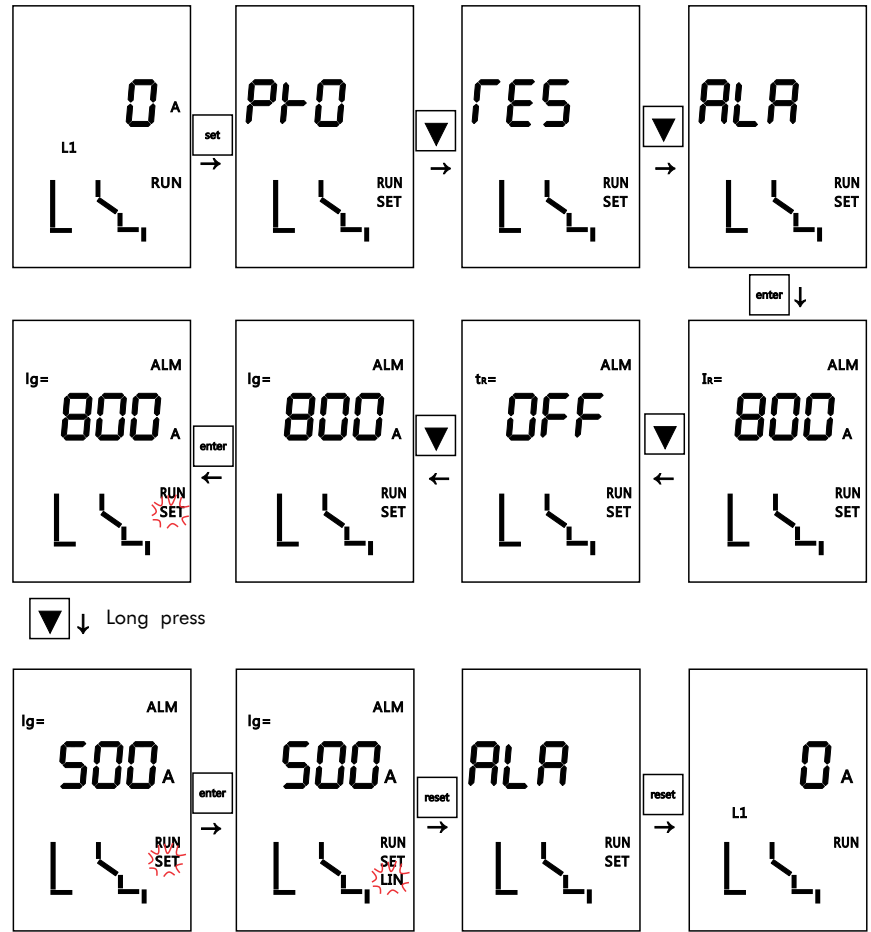
Example 1 of changing long delay time is shown below:



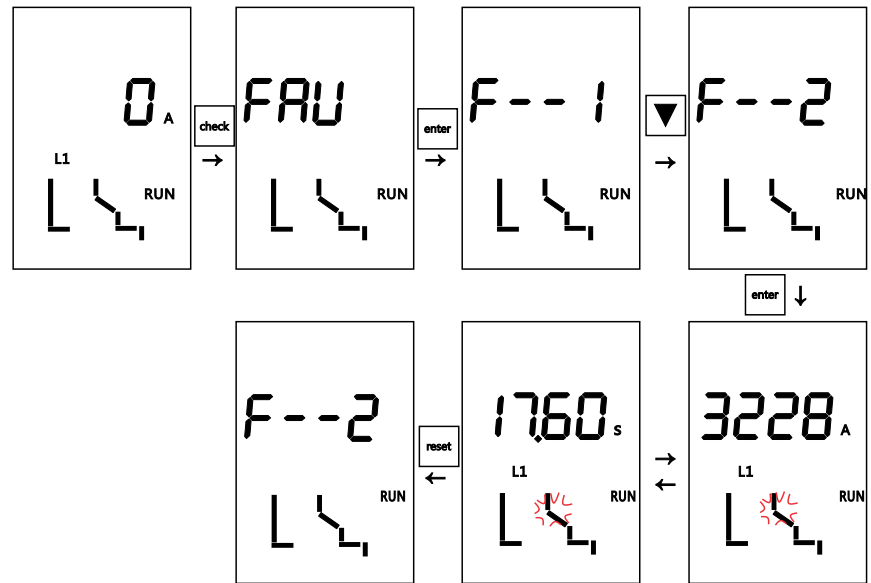
Example 2 of short delay tripping simulated by software is shown below:



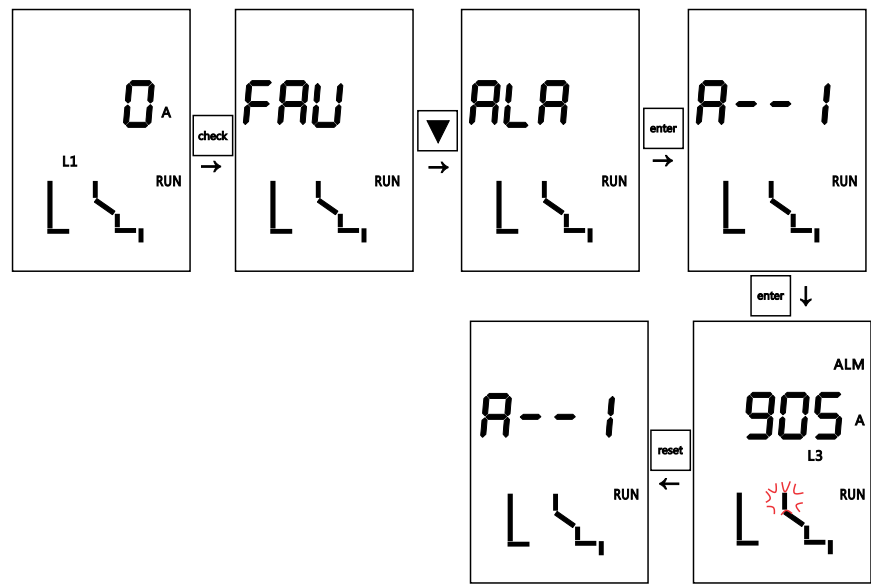
Example3 of setting earthing alarm threshold current is shown below:



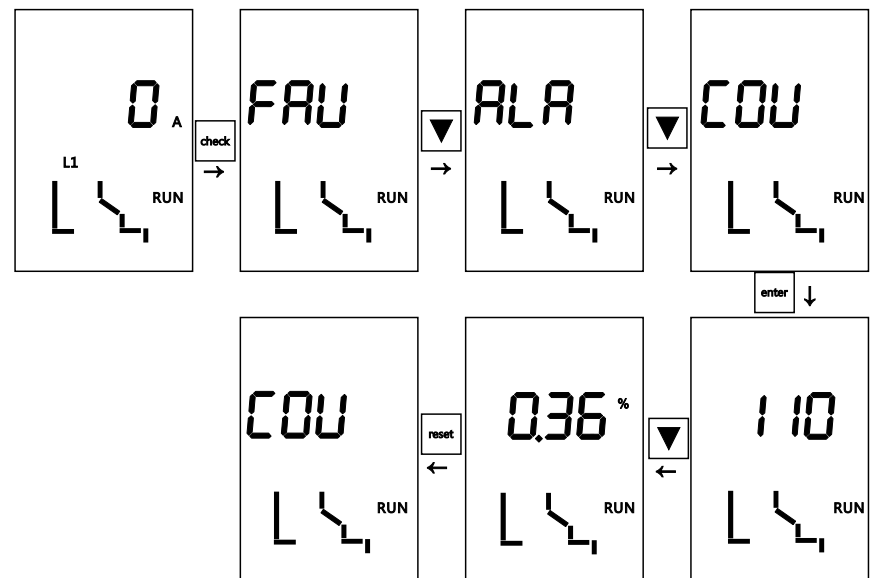
③ Query state: press “Check” button in default interface to enter into query interface. Last 8 fault records, last 8 alarm records, breaker operation times, life record and thermal capacity can be queried in query state. Example4 of querying second fault record is shown below:



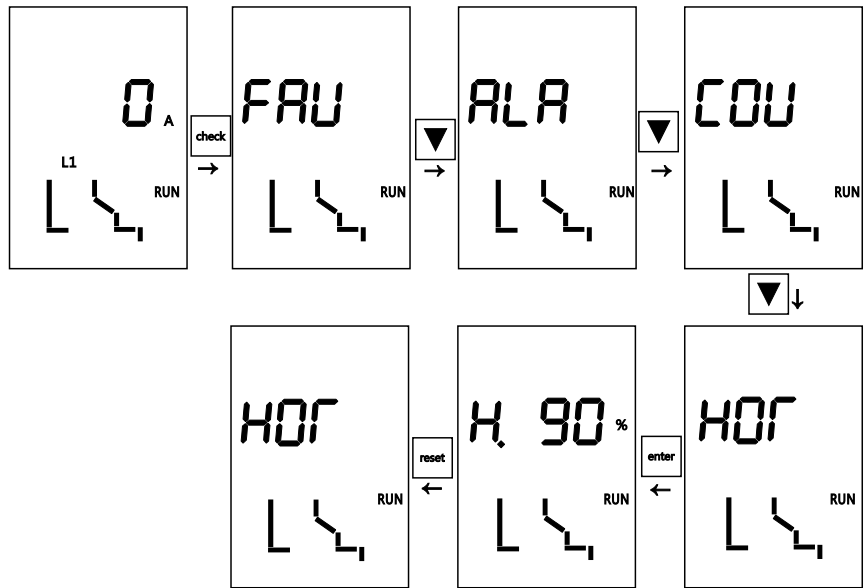
Example5 of querying first alarm record is shown below:



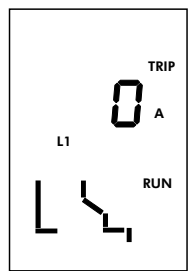
Example6 of querying breaker operation times and life record is shown below:



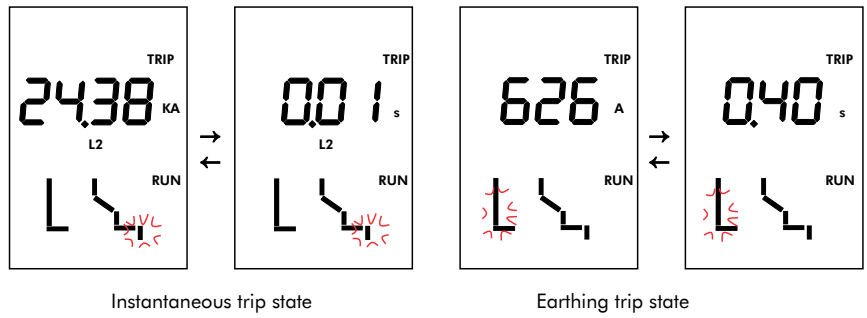
Example7 of querying thermal capacity after tripping is shown below:



④ Tripping state: “Reset” button should be press to return default interface after tripping at fault.



Press “Test” button to simulate Instantaneous trip

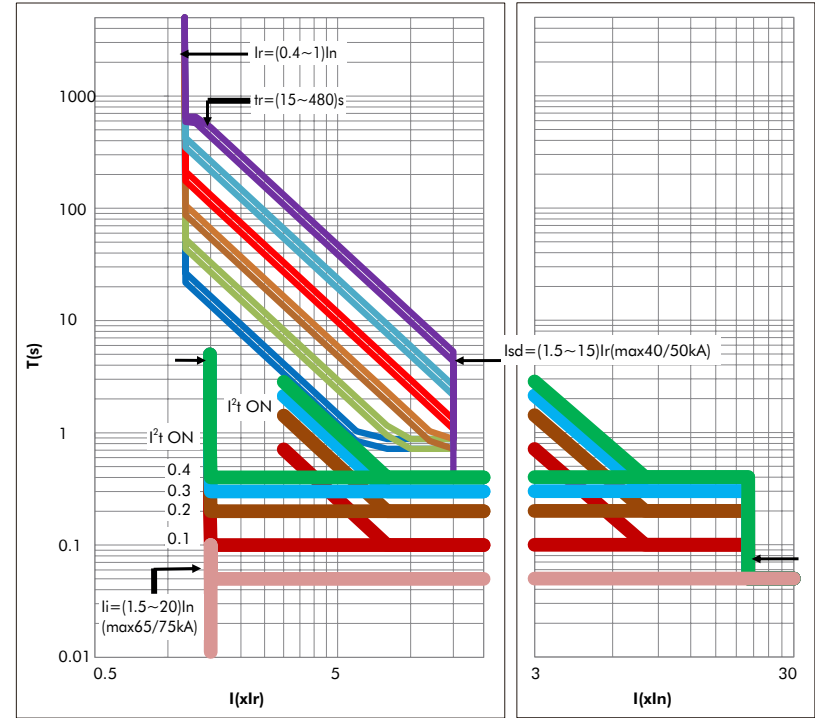


14.3.3 Controller functions list

M type	H type
1 over-current protection (overload, shortdelay,instantaneous,earthing); vector sum grounding mode. 2 Neutral line protection 3 Current measurement 4 two test functions: (1) Instantaneous trip test simulated by mechanical button (2) Other trip tests simulated by software 5 Ten fault records 6 Ten alarm records 7 MCR protection 8 operation times records 9 thermal capacity 10 overload pre-alarm	1 over-current protection (overload, short delay, instantaneous, earthing); vector sum grounding mode. 2 Neutral line protection 3 Current measurement 4 two test functions: (1) Instantaneous trip test simulated by mechanical button (2) Other trip tests simulated by software 5 Ten fault records 6 Ten alarm records 7 MCR protection 8 operation times records 9 thermal capacity 10 overload pre-alarm 11 communication function: MODBUS protocol 12 four DO function (optional)

3M type	3H type
1 all functions of M-type controller are included 2 HMI:128*64 LCD	1 all functions of 3M-type controller are included 2 voltage measurement and protection 3 frequency measurement and protection 4 power measurement and protection 5 electric energy, power-factor, harmonic measurement 6 communication function: MODBUS protocol 7 DI/DO function

14.4 specifications of characteristics14.4.1 Over-current protection characteristic curve



14.4.2 Overload long time-delay protectionOperating characteristics

Current Ratings Range(Ir)	tolerance	Current	Action time(s)							Time tolerance
(0.4~1)In+ OFF	±10%	≤1.05Ir	>2h Non-trip							
		> 1.3Ir	<1h trip							
		1.5Ir(setting time)	15	30	60	120	240	480	±10%	
		2.0Ir	8.4	16.9	33.7	67.5	135	270	±10%	
Phase N Overload and Over-Current Characteristic			100% or 50%(Applicable to 3P+N or 4P)							

14.3 Short-circuit short-delay protection
Short-circuit short delay protection has two protection modes. One is inverse time and definite time protection. $I^2T_{sd} = (8I_r)^2t_{sd}$ workswhen current is low. In this formula, I is actual current, Tsd is actual trip time, tsd is set trip delay time. When I is over inverse time set value but below 8Ir, controller will operate according to over-current protection characteristic curve. When I is over both of inverse time set value and 8Ir, controller will operate according to definite time protection. The other is definite time protection and set time is 0.11s, 0.21s, 0.31s, and 0.41s. When I is over Isd but below Ii, controller will operate according to definite time protection.
Operating characteristics

Current Ratings Range(Isd)	tolerance	Current	Action time(s)					Time tolerance
(1.5~15)Ir+ OFF	±10%	≤0.9Isd	In the 2tsd Non-trip					
		> 1.1Isd	In the 2tsd Delayed-trip					
		tsd	0.1	0.2	0.3	0.4	±15%	
		Returnable time	0.06	0.14	0.25	0.33	±15%	

Note: a. When the intelligent controller is Frame II (Inm=3200A、 4000A), Isd shouldn't be more than 40KA.
b. When the intelligent controller is Frame III (Inm=6300), Isd shouldn't be more than 50KA.
c. When tsd is 0.1s or 0.2s, time permissible error is ±0.040s.

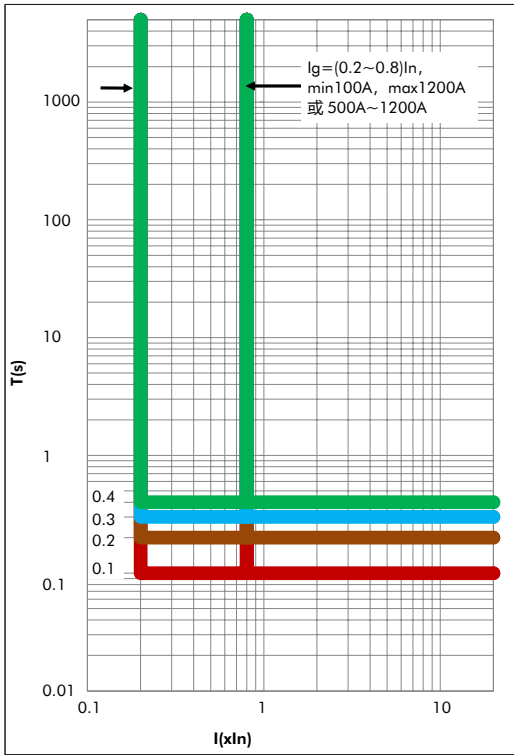
14.4.4 Short-circuit instantaneous protection
Tripping time for instantanous protection (including the inherent breaking time of circuit breaker) should be less than 50ms (effective value protection) or 30ms (peak value protection).
Operating characteristics

Current Ratings Range(Ii)	tolerance	Current	Time tolerance
(1.5~20)In+ OFF	±15%	≤0.85Ii	In the 0.2s Non-trip
		> 1.15Ii	In the 0.2s trip

Note: a. When the intelligent controller is Frame I (Inm=2000A), Ii shouldn't be more than 50KA.
b. When the intelligent controller is Frame II (Inm=3200A、 4000A), Ii shouldn't be more than 65KA.
c. When the intelligent controller is Frame III (Inm=6300), Ii shouldn't be more than 75KA.

14.4.5 Earthing protection
Earthing protection has definite time characteristic. Fault delay time is shown below.

Earthing protection characteristic curve



Operating characteristics of single-phase earthing protection

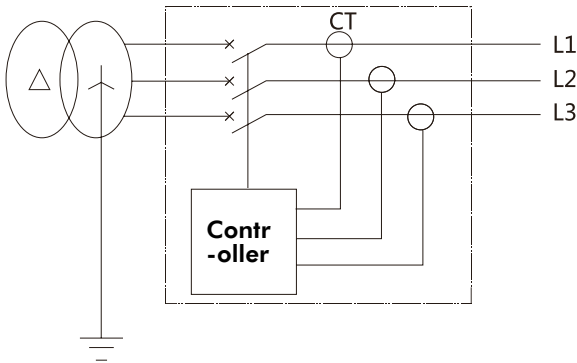
Current Ratings Range(Ir)	tolerance	Current	Action time(s)				Time tolerance
Inm=1000/2000, (0.2~0.8)In+ OFF Inm=3200/4000/6300, (500~1200)A+ OFF	±10%	≤0.9Ig	In the 2tg Non-tripping				
		> 1.1Ig	In the tg±0.032s or tg(1±25%) Tripping				
		tg	0.1	0.2	0.3	0.4	±15%
		Returnable time	0.06	0.14	0.25	0.33	±15%

Note: a. When tg is 0.1s or 0.2s, time permissible error is ±0.040s;
b. When Inm is 1000A, Ig should be more than 100A. When Inm is 2000A, Ig shouldn't be more than 1200A.
c. When Inm is 3200A, 4000A or 6300A, Ig should be between 500A and 1200A.

Single-phase protection is usually used in neutral-point solid ground system. Controller has two different protection modes, being vector sum mode and external transformer mode.

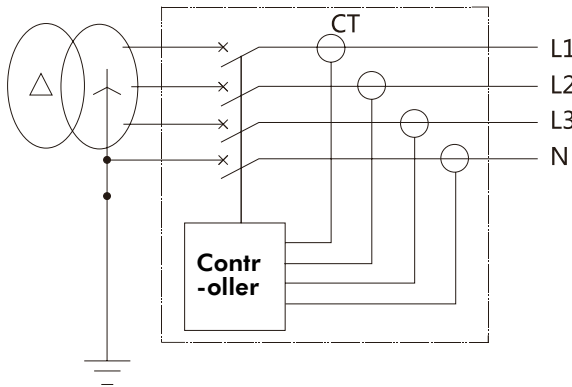
In three-phase three-wire system using 3-pole breaker without external transformer, earthing fault signal comes from three-phase current vector sum. Operating characteristic is definite time protection.

3PT mode



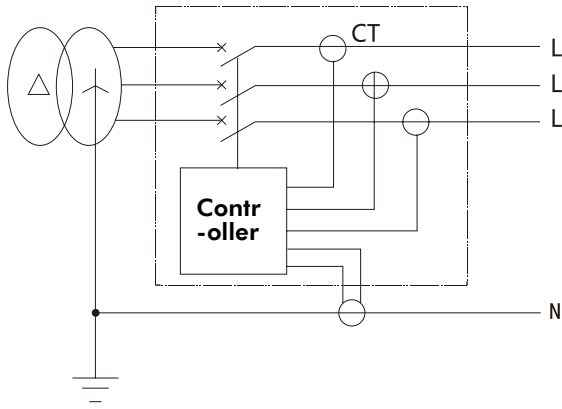
In three-phase four-wire system using 4-pole breaker without external transformer , earthing fault signal comes from three- phase current and N-Pole current vector sum. Operating characteristic is definite time protection.

4PT mode



In three-phase four-wire system using 3-pole breaker with external N-pole transformer, earthing fault signal comes from three- phase and N-Pole current vector sum. Operating characteristic is definite time protection.

(3P+N)T mode



Note:

- ① External N-pole transformer (connected to 6#, 7# terminal for NA1-1000, connected to 25#, 26# terminal for NA1-2000-6300) is a special product. Default lead wire is 2 meters long.
- ② Earthing protection in 3PT mode can only be used in balance load. It should be turned off or set value above allowable unbalance current when the load is unbalance or the controller may operate.
- ③ The distance between external transformer and breaker should be less than 5m in (3P+N)T mode. When lead wire of external transformer needs to be longer than 2 meters, special requirement should be noted when ordering.

15. Accessories

15.1 Shunt release

The power-on time cannot be greater than 2 seconds / time, and the power-on frequency cannot be greater than 5 times / minute.

- a. The shunt release should be used except for special products where the circuit breaker must be directly disconnected manually;
- b. The shunt release could operated within 10 meters to break the circuit breaker.

Characteristics of shunt release

Rated control power supply voltage Us(V)			AC220/230	AC380/400	DC220	pulse	AC110 (not available for NA1-1000X)
Operating voltage (V)			(0.7-1.1)Us				
Break time (ms)			≤28				
Power consumption (VA/W)	Inm=1000A	pulse	56	56	250	250	-
	Inm=2000A~6300A	Intermittent(default)	300	300	132	70	300
		Pulse(option)	880	1800	880	850	850



Notes:

1. It must select pulse type in the automatic control system.
2. power-on time of the intermittent type cannot be greater than 2 s, pulse frequency of the pulse type cannot be more than 5 times/min, or the components are easily burnt;
3. If the circuit breaker is not break by a single power-on of 15 s, must disconnect the power on the shunt release immediately.

15.2 Closed Electromagnet

After the energy storage of the motor is completed, the closed electromagnet can be operated and controlled within a range of 10 meters to instantaneously release the energy storage spring force of the operating mechanism to close the circuit breaker.

Characteristics of closed electromagnet

Rated control power supply voltage Us(V)			AC220/230	AC380/400	DC220	DC110	AC110 (not available for NA1-1000X)
Operating voltage (V)			(0.85-1.1)Us				
Close time (ms)			≤50				
Power consumption (VA/W)	Inm=1000A	pulse	56	56	250	250	-
	Inm=2000A~6300A	Intermittent(default)	300	300	132	70	300
		Pulse(option)	880	1800	880	850	850



Notes:

1. It must select pulse type in the automatic control system.
2. ppower-on time of the intermittent type cannot be greater than 2 s, pulse frequency of the pulse type cannot be more than 5 times/min, or the components are easily burnt;
3. Ensure that the product is in the energy storage state so that the closed electromagnet may be energized;
- 4.If the product is not closed after a single power-on for 15s, must disconnect the power on the closed electromagnet immediately.

15.3 Undervoltage release (UVT) (The power must be turned on before the circuit breaker is closed)

15.3.1 The undervoltage release has instantaneous operation and delayed operation:

Operation types of each frame under voltage release

	Self-priming	Helped priming
Undervoltage instantaneous release	Inm=1000A, 6300A	Inm=2000A, 3200A, 4000A/3
Undervoltage delay release	Inm=1000A, 6300A	Inm=2000A, 3200A, 4000A/3



Notes:

1. Inm=1000A undervoltage delay does not require an external delay controller. The power-off operation is an instantaneous operation. There is no zero voltage delay function;
 2. Inm=6300A undervoltage delay does not require an external undervoltage delay controller. There is a delay function for low voltage and power off;
 3. Inm=2000A~4000A/3 undervoltage delay requires an external delay controller. There is a delay operation when the power is off.
- There is a zero voltage delay function.

Delay time of under voltage release

	Delay time (optional)	Accuracy
Inm=1000A	1 s, 3 s, 5 s, 7 s (not adjustable)	±15%
Inm=2000A~4000A/3	1 s, 3 s, 5 s (non-adjustable)	0~1s
Inm=6300A	0.3 s~7.5 s (adjustable)	±15%e

The undervoltage will not operate when the voltage returns to 85% Ue and higher,, within 1/2 delay time.

Note:

A self-priming undervoltage delay release may be provided for special orders of NA1-2000X~6300X. There is no external undervoltage delay controller, and the delay time is 0.3s~7.5s, selectable and adjustable with an accuracy of ±15%.

15.3.2 When the undervoltage release is not powered, the circuit breaker cannot be closed either electrically or manually:

Characteristics of under voltage release

Rated control power supply voltage Ue(V)	AC110, AC220/230, AC380/400	
Operating voltage (V)	(0.35~0.7)Ue	
Reliable closing voltage (V)	(0.85~1.1)Ue	
Reliable not-closing voltage (V)	≤0.35Ue	
Power consumption (Inm=1000A/Inm=2000A~6300A)	20VA/48VA (W)	

15.4 The electric energy storage mechanism (the power-on time cannot be greater than 5 seconds / time, and the power-on frequency cannot be greater than 3 times/min) has an automatic re-energy storage function to facilitate dual power switching.

Characteristics of electric energy storage mechanism

Rated control power supply voltage Ue(V)	AC380, AC220	DC220, DC110
Operating voltage (V)	(0.85-1.1)Us	(0.85-1.1)Us
Power consumption (Inm=1000A)	90W	90W
Power consumption (Inm=2000A)	85W	85W
Power consumption (Inm=3200A, 4000A/3)	110W	110W
Power consumption (Inm=6300A)	150W	150W
Energy storage time	≤5s	≤5s



Notes:

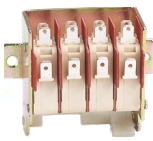
1. It is forbidden to turn on the power for 7 seconds to avoid damage.

15.5 Auxiliary contact NO

Standard type: Provides users with 4 sets of conversion contacts (default configuration).

Special type: 6 sets of Inm=1000A conversion contacts (for AC only);

Characteristic



Type	NA1-1000X			NA1-2000X/NA1-2000XN/NA1-2000XH/NA1-3200X/NA1-3200XN/NA1-4000X/NA1-6300X/NA1-6300XN		
Rated voltage (V)	AC230	AC400	DC220	AC230	AC400	DC220
conventional free-air thermal current Ith (A)	10	6	0.5	6	6	6
Rated control capacity	300VA	100VA	60W	300VA	300VA	60W

NA1-1000X			NA1-2000X/NA1-2000XN/NA1-2000XH/NA1-3200X/NA1-3200XN/NA1-4000X/NA1-6300X/NA1-6300XN		
Category	Voltage	Current	Category	Voltage	Current
AC-15	AC230V	1.3A	AC-15	AC230V	1.3A
	AC400V	0.25A		AC400V	0.75A
DC-13	DC110V	0.55A	DC-13	DC110V	0.55A
	DC220V	0.27A		DC220V	0.27A

15.6 Doorcase

Installed on the door of the distribution cubicle, for sealing the distribution cubicle and making the protection class to IP40(fixed type and drawout type).



15.7 Phases barrier (Optional)

Installed between the busbars to increase the creepage distance.



15.8 Transparent shield (NA1-2000) (Optional)

Installed on the doorcase of the cubicle's small door, make the protection class to IP54. It is suitable for the fixed, drawout type circuit breaker and the load switch.

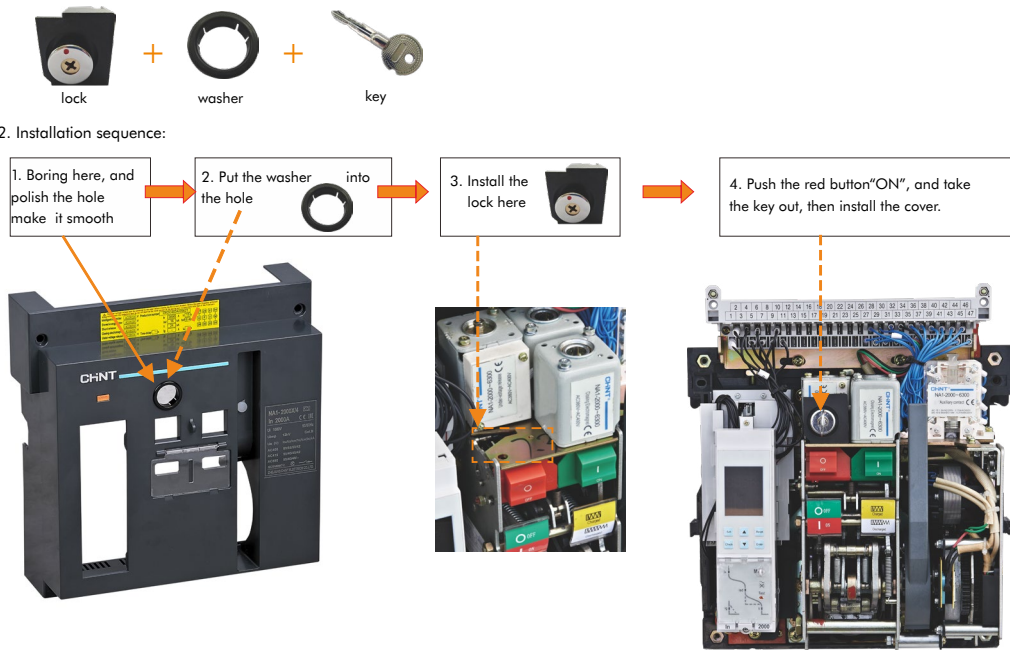


15.9 Off position locking mechanism
When the circuit breaker is disconnected, padlock can be used to lock it after pulling out the lock lever, then the circuit breaker can't be "Test" or "connected" position.(Padlock is prepared by users)

15.10 Key lock

Lock the circuit breaker on the OFF position, then the circuit breaker can't be closed.
Locks and keys will be provided by us.
Separate lock and key is matched with one set of the circuit breaker.
Three same locks and two same keys are matched with three circuit breaker.
Note: Before pulling out the key, the break pushbutton should be pressed first, rotate the key anticlockwise, then pull it out.

- ★ NA1Install the locking system
1. Components of the locking system:



15.11 Cable mechanical interlock

It can realize the interlock of two horizontal or vertical-installed, three poles or four poles, drawout type or fixed type circuit breaker.

- a. If need bend the cable, make sure the radian is more than 120°.
- b. Check and make sure enough lubricating oil of the cable.
- c. The maximum distance between two interlock circuit breakers is 1.5m.



Notes:

- a. when the steel cable needs to be bent, enough transition arc should be reserved to guarantee flexible movement of steel cable;
- b. check the steel cable and make sure there is enough lubricant in the steel cable to guarantee flexible movement of steel cable.

15.12 Connecting-rod type mechanical interlock

For two vertically mounted three-pole or four-pole circuit breakers, the interlock can be realized where one makes and the other breaks.

16. Maintenance and Overhaul of Circuit Breaker

Safety Precautions

The following operations must be executed in turn before conducting the maintenance or overhaul of circuit breakers:

- a.Circuit breaker opening operation to ensure the circuit breaker is in an opening state;
- b.Disconnecting the upper-level knife switch (if any) to ensure the main circuit and secondary circuit are uncharged;
- c.Circuit breaker discharging, opening operation to ensure the circuit breaker is in a discharging and opening state;
- d.The components which the personnel might contact must be uncharged.



Maintenance and overhaul cycle

Condition	Environment	Maintenance cycle	Overhaul cycle	Remarks
General environment	The air should be always kept clean and dry. There is no corrosive gas. The temperature is in between -5℃ ~ +40℃ The humidity should conform to Specification 1.3 Operating Conditions c Requirement for extreme atmosphere conditions.	Every six months	Once per year (every six months for more than 3 years of mounting period)	Confirming to IEC60947-2 Requirement for general environmental conditions.
Severe environment	Low temperature -5℃ ~-40℃ or high temperature 40℃ ~ 65℃ or humidity≥90%	Every three months	Every six months (every three months for more than 3 years of mounting period)	
	Places with more dust and corrosive gases	Every month	Every three months	

16.1 Maintenance of circuit breaker

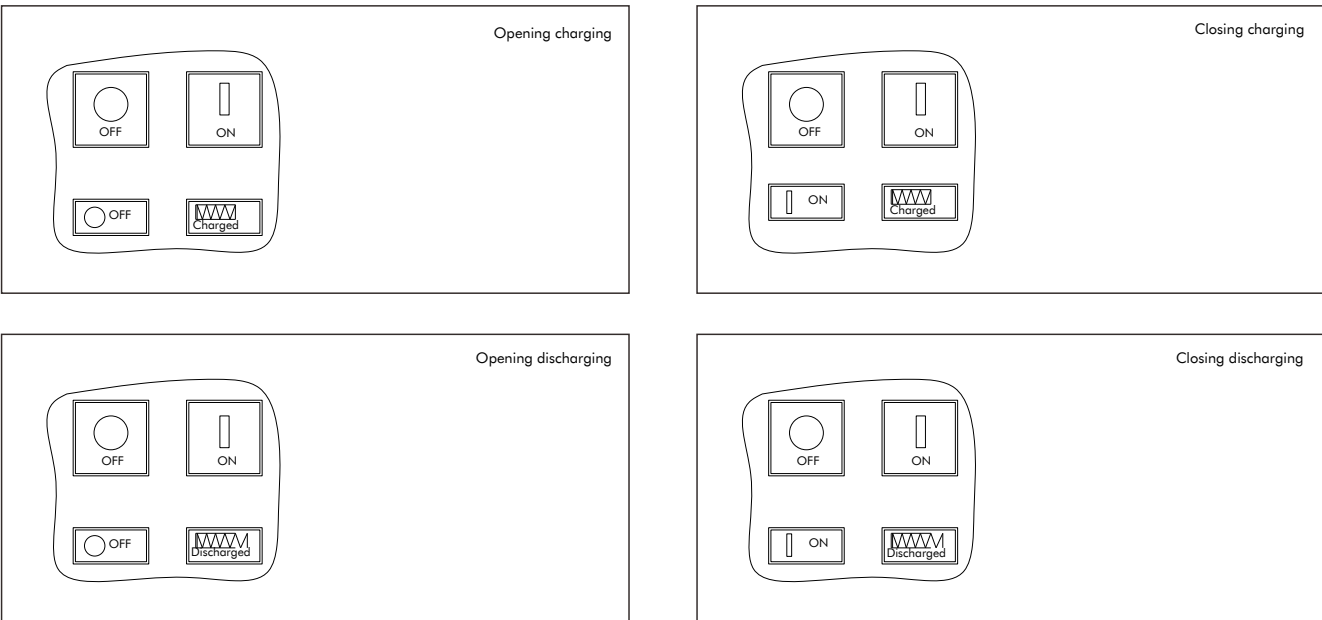
16.1.1 Foreign objects (such as tools, wire leads or fragments, metal objects) in the switchgear should be regularly cleared.

16.1.2 The dust on the circuit breaker must be regularly cleared to maintain its good insulation.

16.1.3 The spring washers of the main circuit connecting bolts, the earthing bolts must be checked for whether they are flattened and theconnection is firm.



16.1.4 Whether the opening or closing indication is correct and reliable.



16.2 Overhaul of circuit breaker

16.2.1 Connecting and mounting inspection

It is proposed to refer to the following requirement for the torsional forces of main circuit and secondary circuit.

Fastener specification	Torque requirement N·m
M3	0.4~0.5
M4	1.2~1.7
M8	16~26
M10	36~52
M12	61~94

16.2.2 Insulating property test

The phase-phase and phase-earth insulation resistance, requirement $\geq 20M\Omega$.

The insulation resistance test must be first done after overhaul and long-time (≥ 7 days) of deenergization and before energization again.

16.2.3 Operating characteristic inspection

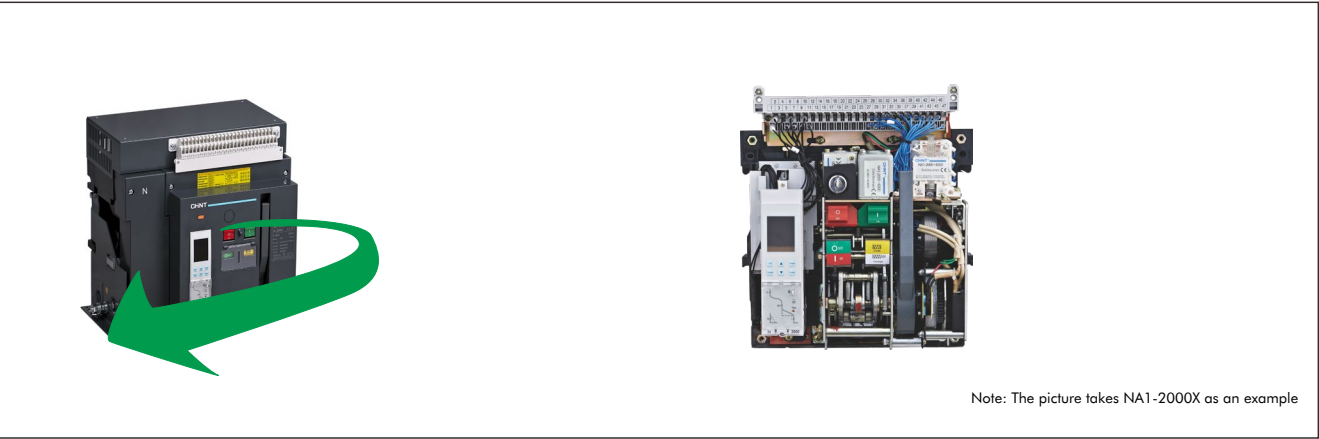
All accessories shall be connected with corresponding rated voltage according to the face shield nameplate requirement, and the following operations should be done:

Electric charging, closing and opening operation, 5times in cycle

Manual charging, closing and opening operation, 5times in cycle

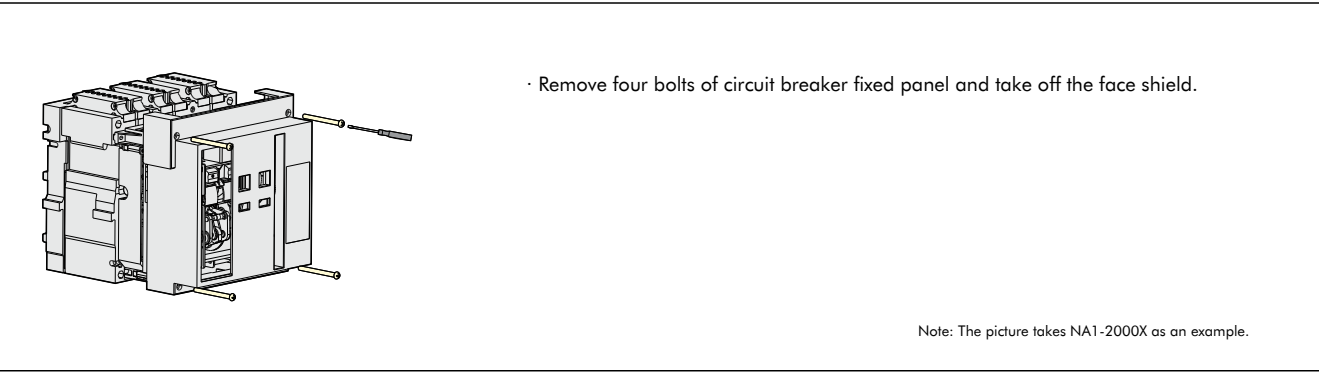
The circuit breaker charging, opening and closing should be normal.

Note: The main circuit must be uncharged. If there is an under-voltage release, the rated voltage must be first connected.



16.2.4 Inspection of circuit breaker components

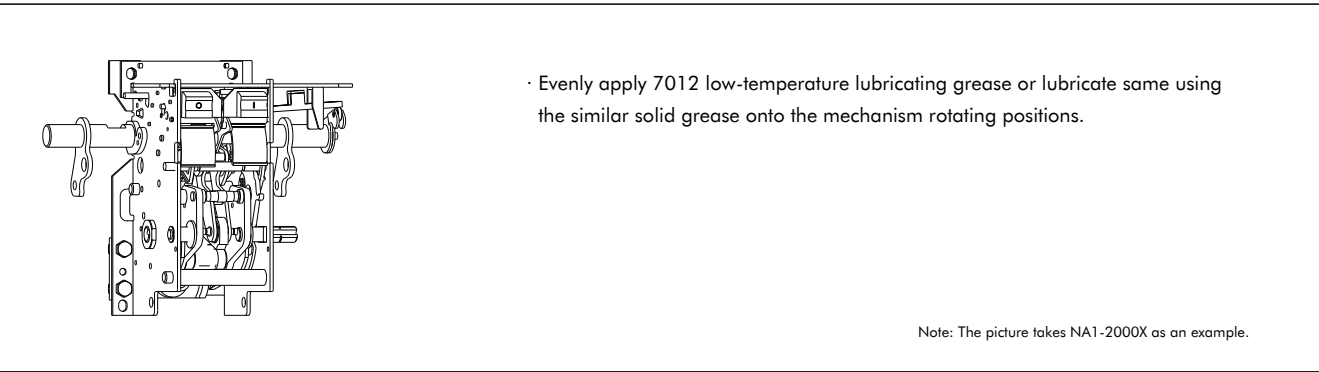
16.2.4.1 Face shield dismantling



16.2.4.2 Operating mechanism inspection

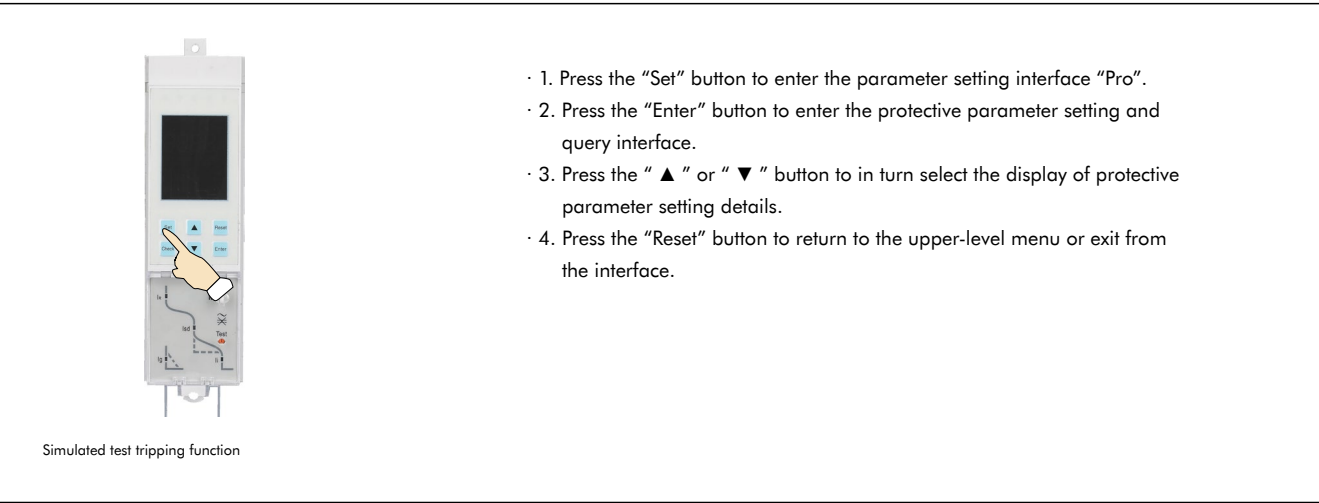
The mechanism components should be free of fracture and damage, and the fasteners are fastened.

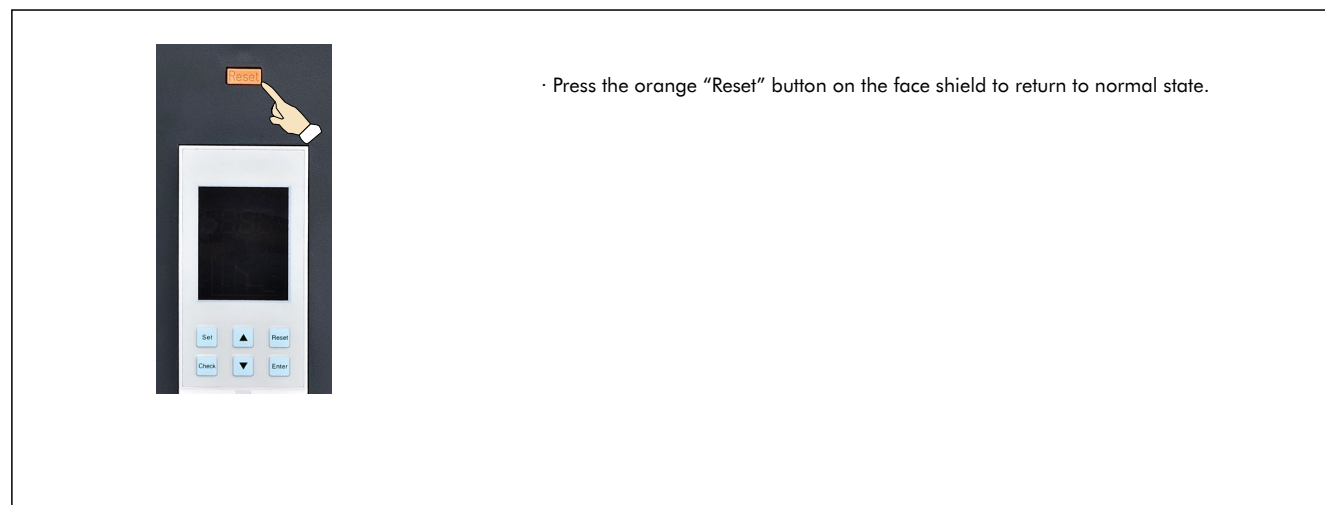
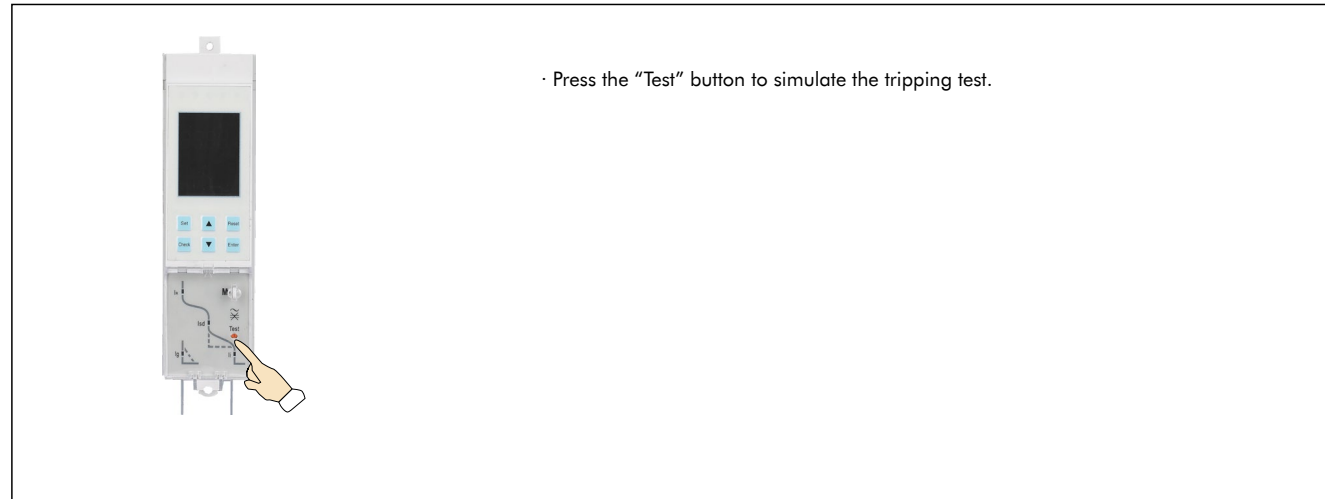
Clear the dust and evenly apply oil onto the rotating components.



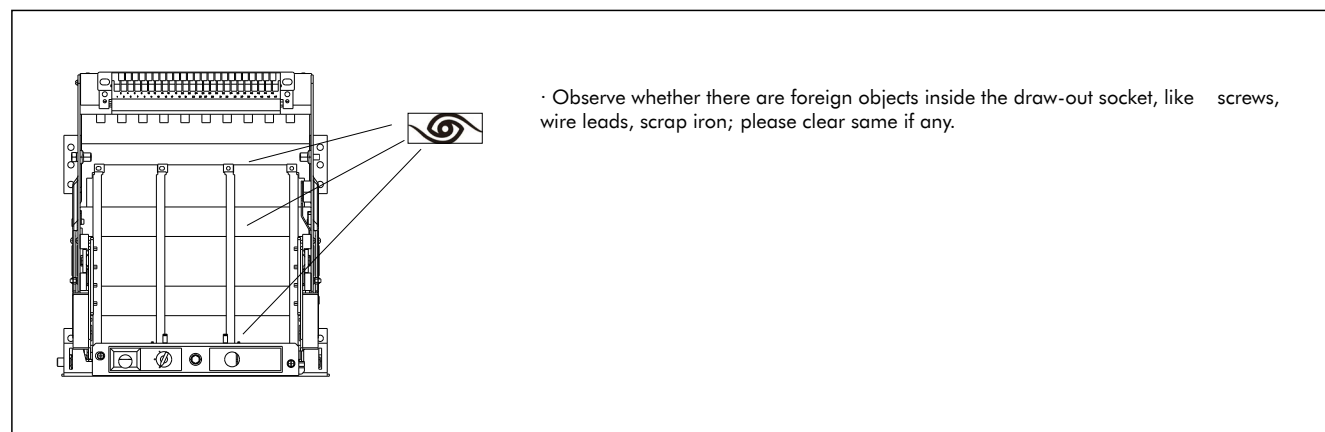
16.2.4.3 Intelligent controller (taking NA1-2000 type M type controller as an example)

Parameter setting should conform to the site use requirement.

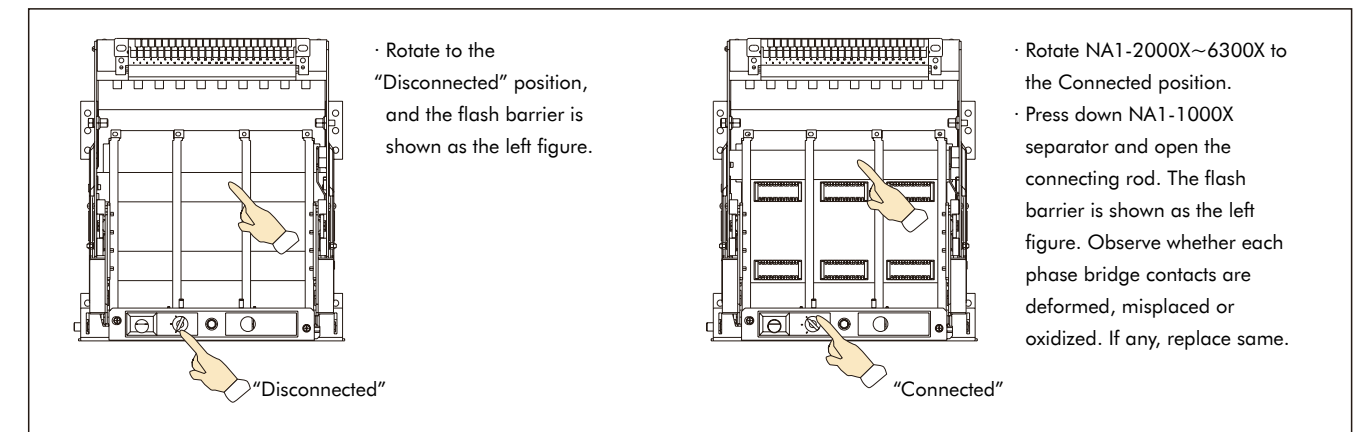




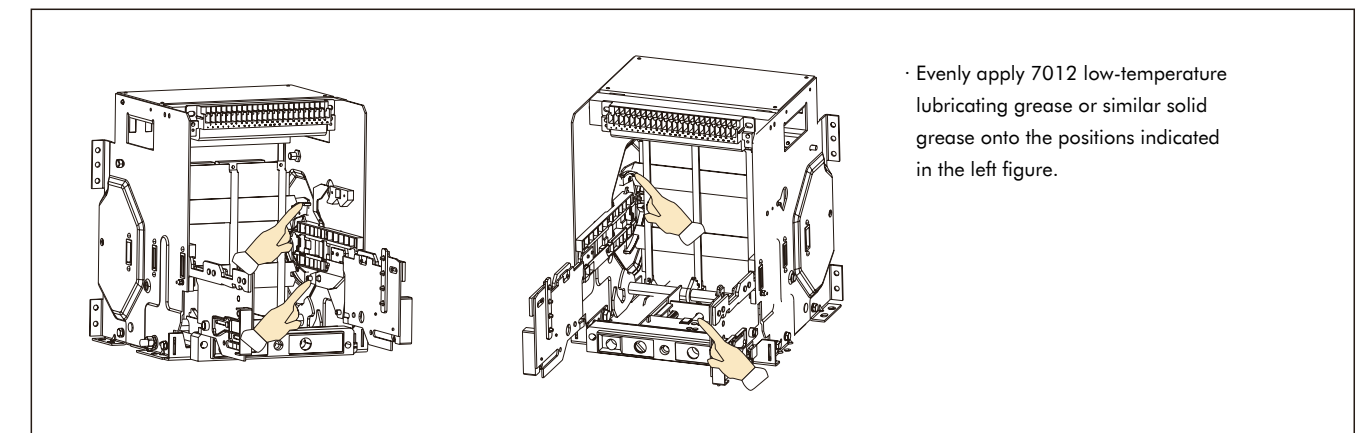
16.2.4.4 Drawer set inspection (conduct the test after removing the body, taking NA1-2000X as an example)
There are no foreign objects inside.



The flash barrier opening or closing is normal, and the spacing contact has no deformation or oxidization.



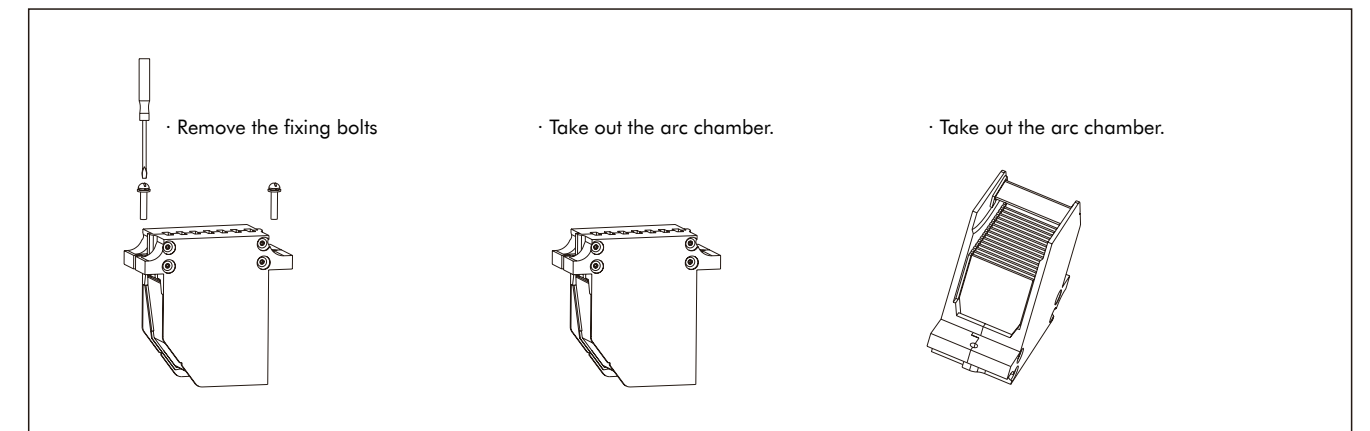
Rotate the friction positions and apply oil evenly.



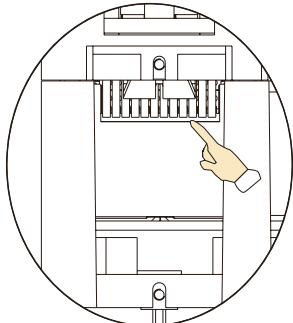
16.2.4.5 Arcing Chamber (taking NA1-2000X~6300X as an example)

Each arc and arcing chambers are not broken. If any, please promptly replace same and clear inside dust, corrosion layer and arc discharge point. In case of serious corrosion or rust, please promptly conduct replacement.

Note: Inspection must be done after short-circuit current breaking.



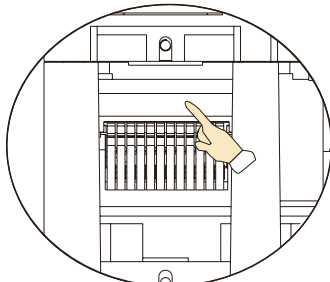
16.2.4.6 Required main contact (taking NA1-2000X~6300X as an example) over-travel≥2mm.



· Conduct manual closing operation, and observe the main contact over-travel.

Note: Please replace the contact if it reaches the position shown.

Clear dust, corrosion layer and particle burnt objects.



· Close the product and main contact is at the shown position. Observe any dust, particle burnt objects and oxidized corrosion layer of dynamic and static contacts. If any, please promptly clear same.

Note: Inspection must be done after short-circuit current breaking.

16.2.4.7 Secondary circuit inspection

No shell damage.

Inspect the contact between the draw-out body secondary circuit and drawer set secondary circuit using the multimeter.

At the “Test” or “Connection” position, the contacts are in good contact, and the connecting screws are fastened, and the conductor insulation has no damage.



16.3 Replacement of undervoltage release, shunt release and closed electromagnet accessories. The following operations must be executed before replacing the accessories.

Cut off all power supplies and ensure the main circuit and secondary circuit power supplies are uncharged. The circuit breakers are in the discharging opening state.

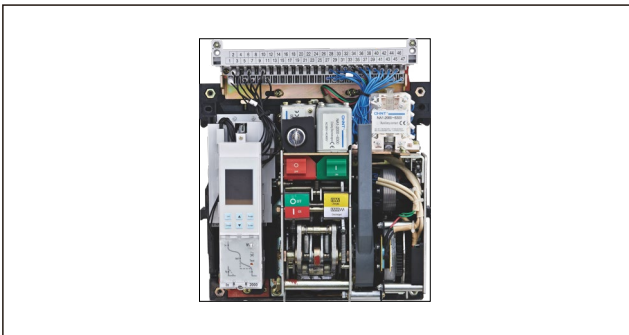
16.3.1 Replacement of fixed accessories

Remove the panel fixing bolts and dismantle the panel.

Untie the tape and remove the connecting conductor.

Remove the fixed accessory mounting screws.

Dismantle the accessories and replace same.



Note: The shunt release should be first dismantled before replacing the NA1-2000 undervoltage release.

16.3.2 Replacement of draw-out accessories

Rotate the body to the detachment position and remove the body.

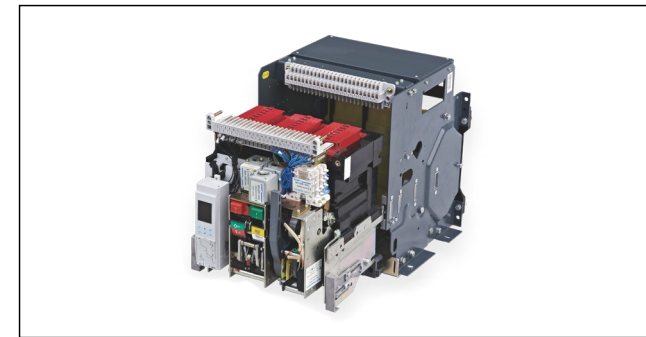
Remove the panel fixing bolts and dismantle the panel.

Untie the tape and remove the connecting conductor.

Remove the fixed accessory mounting screws.

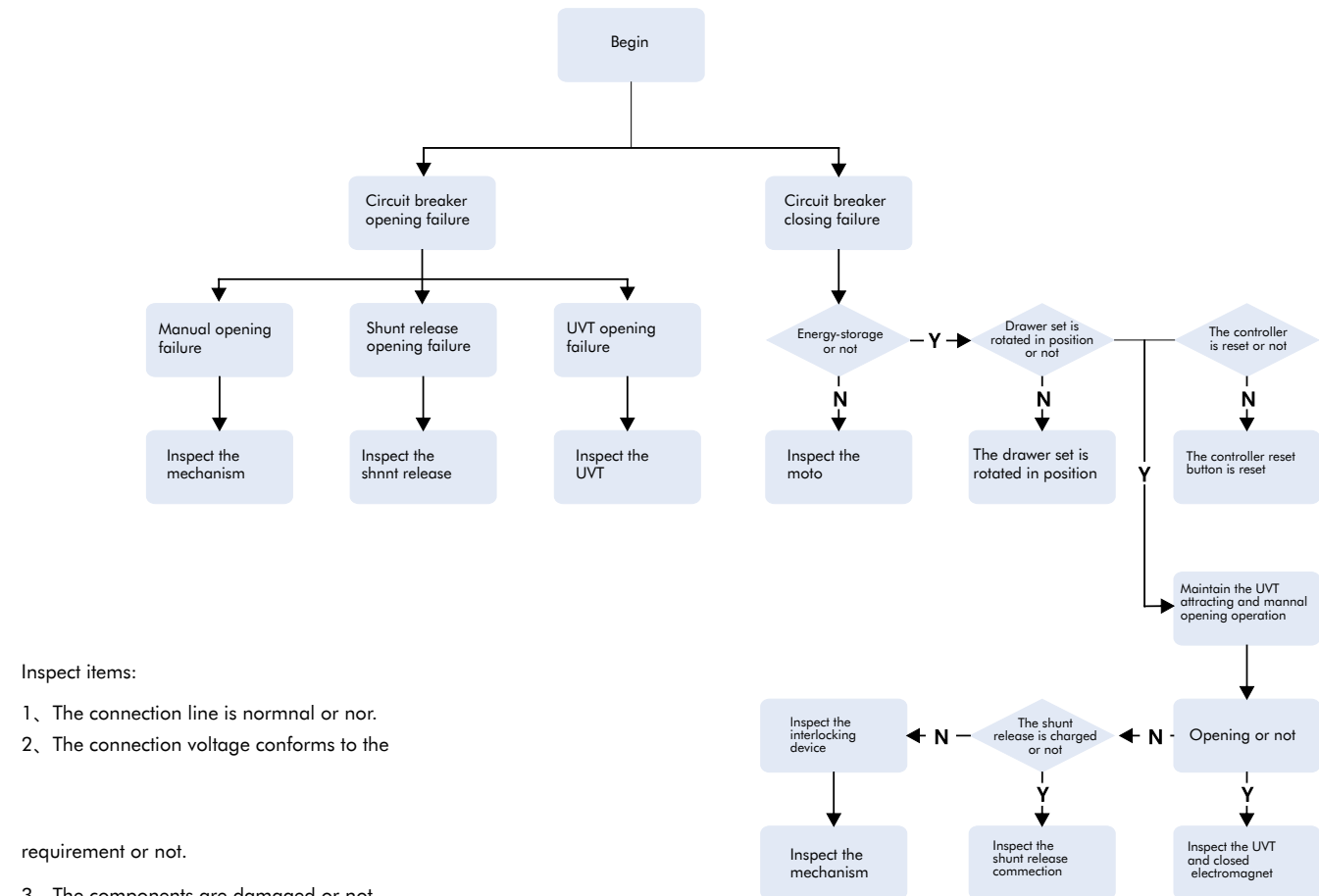
Dismantle the accessories and replace same.

Note: The shunt release should be first dismantled before replacing the NA1-2000 undervoltage release.



17. Common Failure Causes and Solutions

17.1 Troubleshooting logic



Inspect items:

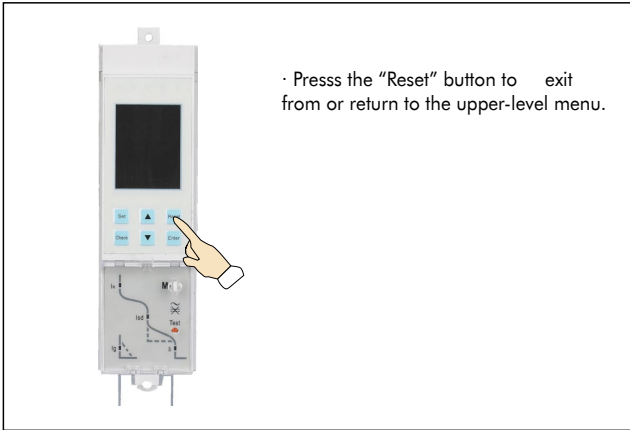
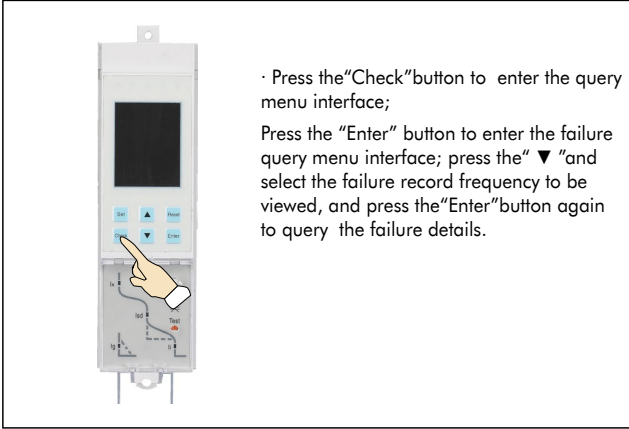
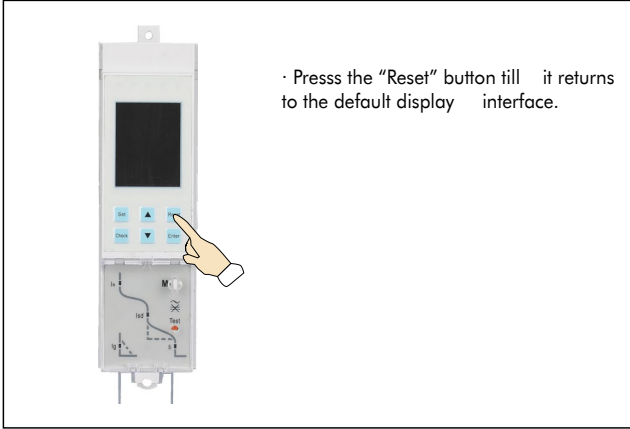
- 1、 The connection line is normal or not.
- 2、 The connection voltage conforms to the

requirement or not.

- 3、 The components are damaged or not. please replace the damaged components

17.2 Faulty tripping analysis (taking NA1-2000X M as an example) Failure cause identification.

The failures are identified through the intelligent controller indication.



Note: The electrical closing operation is forbidden before troubleshooting.

18. Regular malfunction and solutions

Fault description	Reasons analysis	Maintenance method
Tripping of circuit breaker	Over load tripping (Ir indicator flashing)	1. Check the breaking current value and operation time of intelligent release. 2. Analyze the load and electric network, exclude the overload if it happens. 3. Match the actual operating current with long time-delay current setting value. 4. Press the reset button to reclose the breaker
	Short circuit tripping ("Isd"or"li"indicator flashing)	1. Check the breaking current value and operation time of intelligent release. 2. Exclude the short circuit fault if it happens 3. Check the setting value of intelligent release 4. Check the normal state of breaker 5. Press the reset button to reclose the breaker
	Earthing fault tripping (IG indicator flashing)	1. Check the breaking current value and acting time of intelligent release. 2. Exclude the earthing fault if that happens. 3. Match the fault current setting value with the actual protection. 4. Press the reset button to reclose the breaker.
	Under-voltage release fault: 1. Rated working voltage is less than 70%Ue 2. Fault of control unit	1.Check the power is on or not 2.Check the power voltage of under-voltage release, it shouldn't be less than 85%Ue. 3.Replace the control unit of under-voltage release
	Mechanical interlock acting	Check the working state of two circuit breakers fixed with mechanical interlock
The breaker can't be closed	Intelligent release don't reset (panel is raised)	Press the reset button to reclose the breaker
	Secondary circuit of drawerout-type breaker isn't connected	Make the breaker to "making" position ("click" sound will be heard)
	Breaker hasn't stored energy	Check the secondary circuit: 1. Power voltage of motor shouldn't less than 85%Ue. 2. Check the storage mechanism, replace it if necessary.
The breaker can't be closed	Mechanical interlock acting leads to locking of breaker	Check the working state of two circuit breakers fixed with mechanical interlock
	Closing electromagnet: 1.Rated control voltage is less than 85%Us; 2.Closing electromagnet is damaged	1. Power voltage of closing electromagnet shouldn't less than 85%Us. 2. Replace the electromagnet.
Tripping after closing the circuit breaker (Fault indicator flashing)	Tripping immediately: 1. Short circuit current is closed 2.Delay tripping because of transient current is high when closing; 3. Overload current is closed	1. Check the breaking current value and operation time of intelligent release; 2. Exclude the short circuit fault if it happens; 3. Exclude overload fault 4. Check the normal state of breaker 5. Modify the current setting value of intelligent release 6. Press the reset button to reclose the breaker
Circuit breaker can't be opened	The breaker can't be opened manually 1. There is fault with mechanical operating mechanism	1. Check the mechanism, if there is fault happened.
	The breaker can't be opened by motor remotely 1. There is fault with mechanical operating mechanism 2. Power voltage of shunt release is less than 70%Us; 3. Shunt release is damaged	1. Check the mechanism, if there is fault happened. 2. Check the Power voltage of shunt release is less than 70%Us or not 3. Replace shunt release

Fault description	Reasons analysis	Maintenance method
Circuit breaker can't store energy	Manual storage can't be realized	Mechanical fault with the energy-storage device
	Motor storage can't be realized 1. Power voltage of motor energy-stored device is less than 85%Us; 2. There is mechanical fault with energy-storage device	1. Power voltage of motor energy-stored device shouldn't less than 85%Us 2. Mechanical fault with the energy-storage device
Handle of drawerout-type circuit breaker can't be drawn in or out	1. There is padlock at the "opening" position 2. Slideway or breaker body isn't pulled into its position	1. Take away the padlock 2. Pull the slideway or breaker body into its position
Drawerout-type breaker can't be drawn out at the "opening" position	1. Handle isn't pulled out 2. Breaker is not totally at the "opening" position	1. Pull out the handle 2. Keep the circuit breaker totally at "opening" position
Drawerout-type breaker can't reach the "making" position	1. Something drop into the drawer base, and lock the mechanism or mechanism fault happens. 2. Breaker body not match with the frame -size rated current of drawer base	1. Check and clean the drawer base, or contact with manufacturer 2. Match the body with relevant drawer base
No display on intelligent release panel	1. Release isn't connected with power 2. There is fault with release	1. Check the power is connected or not 2. Cut off the power, then connect again. Otherwise contact with manufacturer
	Rated control voltage is less than 85%Us;	Check the electromagnet power voltage shouldn't be less than 85%Us.
Fault indicator still flashing after pressing the Reset button	Fault happened with intelligent release	Cut off the power, then connect again. Otherwise contact with manufacturer

NA1-1000X~6300X Ordering specification

Customer:

Tel:

Date:

Quantity:

Model		☐ NA1-1000X	☐ NA1-2000X ☐ NA1-2000XN ☐ NA1-2000XH	☐ NA1-3200X ☐ NA1-3200XN	NA1-4000X	☐ NA1-6300X ☐ NA1-6300XN
Rated current In (A)		☐ 200 ☐ 400 ☐ 630 ☐ 800 ☐ 1000	☐ 630 ☐ 800 ☐ 1000 ☐ 1250 ☐ 1600 ☐ 2000	☐ 2000 ☐ 2500 ☐ 3200	☐ 4000	☐ 4000 ☐ 5000 ☐ 6300(no four poles)
Installation mode		☐ Drawout type ☐ Fixed type (Note: no fixed type when In> 4000A)				
Number of poles		☐ Three poles ☐ Four poles				
Intelligent Controller		Protection function			Auxiliary functions	Optional function
	☐ M type Standard (Default configuration)	1. ☐ Ir overload long delay, lsd short-circuit short delay inverse time + definite time, li transient short-circuit, lg single-phase grounding 4-section protection 2. ☐ Ir overload long delay, lsd definite time short-circuit short delay,li transient short-circuit, lg single-phase grounding 4-section protection			1. Ammeter function 2. Self-diagnostic function 3. Tuning function 4. Test function 5 Display function	／ ☐ Voltage display ☐ Frequency display ☐ Power Factor show ☐ Active power display ☐ Load monitoring function Note: For the specific optional function, refer to List of controller functions in the sample (The cost of optional functions will be calculated additionally).
	☐ 3M type Multifunctional (Optional configuration)	1. ☐ Ir overload long delay, lsd short-circuit short delay inverse time + definite time, li transient short-circuit, lg single-phase grounding 4-section protection 2. ☐ Ir overload long delay, lsd definite time short-circuit short delay,li transient short-circuit, lg single-phase grounding 4-section protection				
	☐ 3H-type Communication type (Optional configuration)	1. ☐ Ir overload long delay lsd short-circuit short delay inverse time +definite time li transient short-circuit, lg single-phase grounding 4-section protection 2. ☐ Ir overload long delay, lsd definite time short-circuit short delay, li transient short-circuit, lg single-phase grounding 4-section protection 3. ☐ with PROFIBUS-DP communication protocol ☐ with MODBUS communication protocol				
Notes: Protection function Settable range and conventional factory tuning		Ir long delay current setting range: (0.4 to 1) In Overload 1.5Ir action time setting range: 15,30,60 480s			! Conventional factory tuning: overload long delay 1.0In ! Conventional factory tuning: overload 1.5Ir; action 15s	
		lsd short delay current setting range: (1.5 to 15) Ir; short delay action time (0.1 ~ 0.4) s			! Conventional factory setting: short delay current 8Ir ; ! Conventional factory tuning: Short delay action time 0.4s [Note: 3M, 3H for (1.5 to 15) Ir]	
		li instantaneous current setting range: 1.5In ~ 50kA/65kA/75kA ! Conventional factory tuning: 12In [Note: 3M, 3H for (1.5In~50kA/65kA/75kA)				
		lg earthing protection current setting range: (0.2 to 0.8) In; the earthing protection time setting range: (0.1to0.4)s ! Conventional factory setting: 0.5 In; OFF				
Controller power		☐ AC380V, ☐ AC400V, ☐ AC220V, ☐ AC230V, ☐ AC127V, ☐ DC220V, ☐ DC110V (Optional)				
Electrical accessories	Under voltage release	☐ AC110V, ☐ AC220/230V, ☐ AC380/400V, ☐ Order _____ V , ☐ Non-undervoltage				(No AC110V for NA1-1000X)
	Shunt release	☐ Helped & instantaneous ☐ Helped & delay __s (Inm≥2000A, 1 s, 3 s, 5 s, non-adjustable); ☐ self-priming & instantaneous ☐ self-priming & delay __s (Inm≥2000A, 0.3 s~7.5 s,adjustable); Note: Inm=1000A no Helped priming type, delay time 1 s, 3 s, 5 s, 7 s,non-adjustable.				
	Closing electromagnet	☐ intermittent (only for Inm≥2000A and default)		☐ AC110V, ☐ AC220/230V, ☐ AC380/400V, ☐ DC110V, ☐ DC220V		
		☐ pulse (must select in automatic control system)		☐ AC110V, ☐ AC220/230V, ☐ AC380/400V, ☐ DC110V, ☐ DC220V		
	Electric motor	☐ AC110V, ☐ AC220/230V, ☐ AC380/400V, ☐ DC110V, ☐ DC220V				
Special requirements	Interlock device (surcharge)	Mechanical linkage: ☐ Link interlock ☐ Cable interlock Door interlock: ☐ Switch body position door interlock(drawer-type) ☐ Switch on/off state door interlock (Optional)				
	Accessories (surcharge)	Key lock: ☐ 1 lock 1 key ☐ 2 locks 1 key ☐ 3 locks 1 key ☐ 3 locks 2 keys ☐ 5 locks 3 keys ☐ Special custom__lock__ key External transformer: ☐ External N phase transformer [(3P+N)T type ☐ External leakage zero sequence current transformer (E mode) ☐ External ground current transformer (W) (Optional) Module: ☐ PSU-1 Power module ☐ RU-1 relay module ☐ ST-DP protocol converting module ☐ Position signaling devices (☐ Connected ☐ Test ☐ Unconnected) ☐ Mechanical counting device				
	The main circuit connection	☐ Horizontal connection (default) ☐ Vertical connection (with L vertical bus-bar) ☐ Rotation busbar horizontal connection (Drawer In ≤ 3200) ☐ Rotation busbar vertical connection (drawer-type In ≤ 3200) (Optional)				

Note: The casing current, rated current and auxiliary control voltage must be specified when ordering!?

Note: 1) Please mark “√” or fill figure in the relative “ ☐ ” if no mark, we will provide according to conventional.

Note: 2) The operational fuction of the intellgent controller and special requirements require additional costs.

Tel.:0577-62877777-6213 Fax :0577-62877777-6288?



Configuration instructions

1. NA1-2000X~6300X fundamental configurations

- a. Motor-driven:
- Under-voltage instantaneous release;
 - Shunt release;
 - Closing electromagnet;
 - 4 suits of transform contact;
 - Motor driven operating mechanism;
 - M-type Intelligent Controller;
 - Horizontal wiring of main circuit;
 - Doorcase;
 - Element of main circuit;
 - Operating instructions of M-type Intelligent Controller
 - Operating instructions of Air Circuit Breaker;
 - Packing box;
 - Drawer seat (Drawout type)

- b. Manual:
- Under-voltage instantaneous release;
 - 4 suits of transform contact;
 - M-type Intelligent Controller;
 - Horizontal wiring of main circuit;
 - Doorcase;
 - Element of main circuit;
 - Operating instructions of M-type Intelligent Controller
 - Operating instructions of Air Circuit Breaker;
 - Packing box;
 - Drawer seat(Drawout type)

3. NA1-2000X~6300X operational configuration

- (additional costs)
- Nonadjustable under voltage delayed release (1s, 3s, 5s);
 - Connecting-rod type mechanical interlock (for drawout type);
 - Wire-cable mechanical interlock; Button lock; Key lock;
 - Door interlockLocking device;
 - External current transformer earthing protection;
 - Vertical busbar;
 - Rotating busbar (IN≤3200);
 - 3NO (normal open) and 3NC (normal close) contacts;
 - 4NO and 4NC contacts; 5 groups changeover contacts;
 - 3 groups changeover contacts; H type intelligent controller;
 - Position signal; Counter; Protecting cover (NA1-2000);
 - Double power controller.

2. NA1-1000X fundamental configurations

- a. Motor-driven:
- Under-voltage instantaneous release;
 - Shunt release;
 - Closing electromagnet;
 - Motor driven operating mechanism;
 - 4 normal open and 4 normal close auxiliary contacts;
 - M-type Intelligent Controller;
 - Closing and breaking push button lock;
 - Horizontal wiring of main circuit;
 - Doorcase;
 - Element of main circuit;
 - Operating instructions of Air Circuit Breaker;
 - Packing box;
 - Drawer seat(Drawout type)

- b. Manual:
- Under-voltage instantaneous release;
 - 4 normal open and 4 normal close auxiliary contacts;
 - M-type Intelligent Controller;
 - Horizontal wiring of main circuit;
 - Closing and breaking push button lock;
 - Doorcase;
 - Element of main circuit;
 - Operating instructions of Air Circuit Breaker;
 - Packing box;
 - Drawer seat(Drawout type)

4. NA1-1000X operational configuration (additional costs)

- Under voltage delayed release; wire-cable mechanical interlock;
- key lock; External current transformer earthing protection;
- Vertical busbar; 6 groups changeover contacts;
- H type intelligent controller; Phases barrier, position signal

19. NA1 SKU List

NA1	2000	X	1600	M	3	MO	FX	AC220V
Product Series	Frame Current	Breaking capacity	Rated Current	Controller	Number of poles	Operation method	Installation Method	Secondary Voltage
NA1	1000	X	200 400 630	M:Basic Type	3:3P	MO:Motorised type	FX:Fixed	AC110V
	2000	XN	800 1000 1250	H:Advanced Type	4:4P	MN: Manual operated type	WD:Withdrawable	AC220V
	3200	XH	1600 2000 2500					AC380V
	4000	XQ	3200 4000 5000					AC415V
	6300		6300					DC110V
								AC220V

NA1-1000 Fixed 3P

Rated Current	Description	Code
1000A	NA1-1000X-1000H/3P MO-FX AC380/400	101975
1000A	NA1-1000X-1000M/3P MO-FX AC220/230	101331
1000A	NA1-1000X-1000M/3P MO-FX AC380/400	101324
1000A	NA1-1000X-1000M/3P MO-FX AC220/230 TP	937002
1000A	NA1-1000X-1000M/3P MO-FX AC380/400 TP	937003
1000A	NA1-1000X-1000M/3P MN-FX AC220/230	101330
1000A	NA1-1000X-1000M/3P MN-FX AC380/400	102002
1000A	NA1-1000X-1000M/3P MN-FX AC220/230 TP	937006
1000A	NA1-1000X-1000M/3P MN-FX AC380/400 TP	937007
200A	NA1-1000X-200M/3P MO-FX AC220/230	101788
200A	NA1-1000X-200M/3P MO-FX AC220/230 TP	937018
200A	NA1-1000X-200M/3P MO-FX AC380/400 TP	937019
200A	NA1-1000X-200M/3P MN-FX AC220/230	101303
200A	NA1-1000X-200M/3P MN-FX AC220/230 TP	937022
200A	NA1-1000X-200M/3P MN-FX AC380/400 TP	937023
400A	NA1-1000X-400M/3P MO-FX AC220/230	101322
400A	NA1-1000X-400M/3P MO-FX AC220/230 TP	937034
400A	NA1-1000X-400M/3P MO-FX AC380/400 TP	937035
400A	NA1-1000X-400M/3P MN-FX AC220/230	101305
400A	NA1-1000X-400M/3P MN-FX AC220/230 TP	937038
400A	NA1-1000X-400M/3P MN-FX AC380/400 TP	937039
630A	NA1-1000X-630M/3P MO-FX AC220/230	885255
630A	NA1-1000X-630M/3P MO-FX AC220/230 TP	937050
630A	NA1-1000X-630M/3P MO-FX AC380/400	102132
630A	NA1-1000X-630M/3P MO-FX AC380/400 TP	937051
630A	NA1-1000X-630M/3P MN-FX AC220/230	101963
630A	NA1-1000X-630M/3P MN-FX AC220/230 TP	937054
630A	NA1-1000X-630M/3P MN-FX AC380/400	101964
630A	NA1-1000X-630M/3P MN-FX AC380/400 TP	937055
800A	NA1-1000X-800M/3P MO-FX AC220/230	101329
800A	NA1-1000X-800M/3P MO-FX AC220/230 TP	937066
800A	NA1-1000X-800M/3P MO-FX AC380/400 TP	937067
800A	NA1-1000X-800M/3P MN-FX AC220/230	101326
800A	NA1-1000X-800M/3P MN-FX AC220/230 TP	937070
800A	NA1-1000X-800M/3P MN-FX AC380/400	101327
800A	NA1-1000X-800M/3P MN-FX AC380/400 TP	937071

NA1-1000 Fixed 4P

Rated Current	Description	Code
1000A	NA1-1000X-1000H/4P MO-FX AC220/230	438658
1000A	NA1-1000X-1000H/4P MO-FX AC220/230 TP	438657
1000A	NA1-1000X-1000H/4P MN-FX AC220/230	102120
1000A	NA1-1000X-1000H/4P MN-FX AC220/230(RF)	437694
1000A	NA1-1000X-1000M/4P MO-FX AC220/230	102240
1000A	NA1-1000X-1000M/4P MO-FX AC380/400	101299
1000A	NA1-1000X-1000M/4P MO-FX AC220/230 TP	937010
1000A	NA1-1000X-1000M/4P MO-FX AC380/400 TP	937011
1000A	NA1-1000X-1000M/4P MN-FX AC220/230	102370
1000A	NA1-1000X-1000M/4P MN-FX AC380/400	101787
1000A	NA1-1000X-1000M/4P MN-FX AC220/230 TP	937014
1000A	NA1-1000X-1000M/4P MN-FX AC380/400 TP	937015
200A	NA1-1000X-200M/4P MO-FX AC220/230 TP	937026
200A	NA1-1000X-200M/4P MO-FX AC380/400	101982
200A	NA1-1000X-200M/4P MO-FX AC380/400 TP	937027
200A	NA1-1000X-200M/4P MN-FX AC220/230	101307
200A	NA1-1000X-200M/4P MN-FX AC220/230 TP	937030
200A	NA1-1000X-200M/4P MN-FX AC380/400 TP	937031
400A	NA1-1000X-400M/4P MO-FX AC220/230	101323
400A	NA1-1000X-400M/4P MO-FX AC220/230 TP	937042
400A	NA1-1000X-400M/4P MO-FX AC380/400 TP	937043
400A	NA1-1000X-400M/4P MN-FX AC220/230	101309
400A	NA1-1000X-400M/4P MN-FX AC220/230 TP	937046
400A	NA1-1000X-400M/4P MN-FX AC380/400 TP	937047
630A	NA1-1000X-630H/4P MO-FX AC220/230	885257
630A	NA1-1000X-630H/4P MN-FX AC220/230	885258
630A	NA1-1000X-630M/4P MO-FX AC220/230	885259
630A	NA1-1000X-630M/4P MO-FX AC220/230 TP	937058
630A	NA1-1000X-630M/4P MO-FX AC380/400 TP	937059
630A	NA1-1000X-630M/4P MN-FX AC220/230	101985
630A	NA1-1000X-630M/4P MN-FX AC220/230 TP	937062
630A	NA1-1000X-630M/4P MN-FX AC380/400 TP	937063
800A	NA1-1000X-800M/4P MO-FX AC220/230	102226
800A	NA1-1000X-800M/4P MO-FX AC220/230 TP	937074
800A	NA1-1000X-800M/4P MO-FX AC380/400	101298
800A	NA1-1000X-800M/4P MO-FX AC380/400 TP	937075
800A	NA1-1000X-800M/4P MN-FX AC220/230 TP	937078
800A	NA1-1000X-800M/4P MN-FX AC380/400	101986
800A	NA1-1000X-800M/4P MN-FX AC380/400 TP	937079

NA1-1000 Withdrawable 3P

Rated Current	Description	Code
1000A	NA1-1000X-1000H/3P MO-WD AC220/230-3P+N	449428
1000A	NA1-1000X-1000H/3P MO-WD AC220/230	102216
1000A	NA1-1000X-1000H/3P MO-WD AC380/400	101971
1000A	NA1-1000X-1000M/3P MO-WD AC220/230 TP	937000
1000A	NA1-1000X-1000M/3P MO-WD AC380/400 TP	937001
1000A	NA1-1000X-1000M/3P MO-WD AC220/230	101267
1000A	NA1-1000X-1000M/3P MO-WD AC380/400	255659
1000A	NA1-1000X-1000M/3P MN-WD AC220/230 TP	937004
1000A	NA1-1000X-1000M/3P MN-WD AC380/400 TP	937005
1000A	NA1-1000X-1000M/3P MN-WD AC220/230	102118
1000A	NA1-1000X-1000M/3 MO-WD DC220 UVT AC220/230	319766
200A	NA1-1000X-200M/3P MO-WD AC220/230	101980
200A	NA1-1000X-200M/3P MO-WD AC220/230 TP	937016
200A	NA1-1000X-200M/3P MO-WD AC380/400 TP	937017
200A	NA1-1000X-200M/3P MN-WD AC220/230	101302
200A	NA1-1000X-200M/3P MN-WD AC220/230 TP	937020
200A	NA1-1000X-200M/3P MN-WD AC380/400 TP	937021
400A	NA1-1000X-400H/3P MO-WD AC220/230	102187
400A	NA1-1000X-400M/3P MO-WD AC220/230	101789
400A	NA1-1000X-400M/3P MO-WD AC220/230 TP	937032
400A	NA1-1000X-400M/3P MO-WD AC380/400 TP	937033
400A	NA1-1000X-400M/3P MN-WD AC220/230	101304
400A	NA1-1000X-400M/3P MN-WD AC220/230 TP	937036
400A	NA1-1000X-400M/3P MN-WD AC380/400 TP	937037
630A	NA1-1000X-630H/3P MO-WD AC220/230	885263
630A	NA1-1000X-630M/3P MO-WD AC110V	102007
630A	NA1-1000X-630M/3P MO-WD AC220/230	102006
630A	NA1-1000X-630M/3P MO-WD AC220/230 TP	937048
630A	NA1-1000X-630M/3P MO-WD AC380/400 TP	937049
630A	NA1-1000X-630M/3P MN-WD AC220/230 TP	937052
630A	NA1-1000X-630M/3P MN-WD AC380/400 TP	937053
630A	NA1-1000X-630M/3 MO-WD DC220 UVT AC220/230	319767
800A	NA1-1000X-800H/3P MO-WD AC220/230	102186
800A	NA1-1000X-800H/3P MN-WD DC220 NO-UVT	270167
800A	NA1-1000X-800M/3P MO-WD AC110V	102008
800A	NA1-1000X-800M/3P MO-WD AC220/230	101790
800A	NA1-1000X-800M/3P MO-WD AC220/230 TP	937064
800A	NA1-1000X-800M/3P MO-WD AC380/400 TP	937065
800A	NA1-1000X-800M/3P MN-WD DC220 NO-UVT	270166
800A	NA1-1000X-800M/3P MN-WD AC220/230	101791
800A	NA1-1000X-800M/3P MN-WD AC220/230 TP	937068
800A	NA1-1000X-800M/3P MN-WD AC380/400 TP	937069

NA1-1000 Withdrawable 3P

Rated Current	Description	Code
1000A	NA1-1000-1000M/4 MN-WD AC220~240	101987
1000A	NA1-1000X-1000H/4P MN-WD AC220/230V	390939
1000A	NA1-1000X-1000H/4P MO-WD AC220/230(RF)	437693
1000A	NA1-1000X-1000M/4P MO-WD AC220/230	331272
1000A	NA1-1000X-1000M/4P MO-WD AC220/230 TP	937008
1000A	NA1-1000X-1000M/4P MO-WD AC380/400 TP	937009
1000A	NA1-1000X-1000M/4P MO-WD AC380/400	101301
1000A	NA1-1000X-1000M/4P MN-WD AC220/230 TP	937012
1000A	NA1-1000X-1000M/4P MN-WD AC380/400 TP	937013
200A	NA1-1000-200H/4 MO-WD AC380~415	102162
200A	NA1-1000-200H/4 MN-WD AC380~415	102159
200A	NA1-1000X-200M/4P MO-WD AC220/230 TP	937024
200A	NA1-1000X-200M/4P MO-WD AC380/400	101981
200A	NA1-1000X-200M/4P MO-WD AC380/400 TP	937025
200A	NA1-1000X-200M/4P MN-WD AC220/230	101306
200A	NA1-1000X-200M/4P MN-WD AC220/230 TP	937028
200A	NA1-1000X-200M/4P MN-WD AC380/400 TP	937029
400A	NA1-1000-400H/4 MO-WD AC380~415	102163
400A	NA1-1000-400H/4 MN-WD AC380~415	102160
400A	NA1-1000X-400M/4P MO-WD AC220/230	101983
400A	NA1-1000X-400M/4P MO-WD AC220/230 TP	937040
400A	NA1-1000X-400M/4P MO-WD AC380/400 TP	937041
400A	NA1-1000X-400M/4P MN-WD AC220/230	101308
400A	NA1-1000X-400M/4P MN-WD AC220/230 TP	937044
400A	NA1-1000X-400M/4P MN-WD AC380/400 TP	937045
630A	NA1-1000-630H/4 MO-WD AC380~415	102164
630A	NA1-1000-630H/4 MN-WD AC380~415	102161
630A	NA1-1000X-630M/4P MO-WD AC220/230	102119
630A	NA1-1000X-630M/4P MO-WD AC220/230 TP	937056
630A	NA1-1000X-630M/4P MO-WD AC380/400 TP	937057
630A	NA1-1000X-630M/4P MN-WD AC220/230	885256
630A	NA1-1000X-630M/4P MN-WD AC220/230 TP	937060
630A	NA1-1000X-630M/4P MN-WD AC380/400	101984
630A	NA1-1000X-630M/4P MN-WD AC380/400 TP	937061
800A	NA1-1000X-800H/4P MO-WD AC220/230(RF)	346875
800A	NA1-1000X-800H/4P MN-WD AC220/230(RF)	346876
800A	NA1-1000X-800M/4P MO-WD AC220/230 TP	937072
800A	NA1-1000X-800M/4P MO-WD AC380/400	101300
800A	NA1-1000X-800M/4P MO-WD AC380/400 TP	937073
800A	NA1-1000X-800M/4P MN-WD AC220/230	101792
800A	NA1-1000X-800M/4P MN-WD AC220/230 TP	937076
800A	NA1-1000X-800M/4P MN-WD AC380/400 TP	937077

NA1-2000 Fixed 3P

Rated Current	Description	Code
1000A	NA1-2000X-1000H/3P MO-FX AC220/230	102095
1000A	NA1-2000X-1000H/3P MO-FX AC380/400	102371
1000A	NA1-2000X-1000H/3P MN-FX AC220/230	101793
1000A	NA1-2000X-1000M/3P MO-FX AC220/230	101080
1000A	NA1-2000X-1000M/3P MO-FX AC380/400	101081
1000A	NA1-2000X-1000M/3P MO-FX AC220/230 TP	937082
1000A	NA1-2000X-1000M/3P MO-FX AC220/230-3P+N	215891
1000A	NA1-2000X-1000M/3P MO-FX AC380/400 TP	937083
1000A	NA1-2000X-1000M/3P MN-FX AC220/230	102001
1000A	NA1-2000X-1000M/3P MN-FX AC240	193204
1000A	NA1-2000X-1000M/3P MN-FX AC380/400	101111
1000A	NA1-2000X-1000M/3P MN-FX AC415	193205
1000A	NA1-2000X-1000M/3P MN-FX AC220/230 TP	937086
1000A	NA1-2000X-1000M/3P MN-FX AC220/230-3P+N	215879
1000A	NA1-2000X-1000M/3P MN-FX AC380/400 TP	937087
1000A	NA1-2000X-1000M/3 CG MO-FX AC220/230	101797
1000A	NA1-2000X-1000M/3 CG MO-FX AC380/400	101798
1000A	NA1-2000XH-1000H/3P MO-FX AC220/230 TP	338912
1000A	NA1-2000XH-1000H/3P MO-FX AC380/400 TP	338913
1000A	NA1-2000XH-1000H/3P MN-FX AC220/230 TP	338920
1000A	NA1-2000XH-1000H/3P MN-FX AC380/400 TP	338919
1000A	NA1-2000XH-1000H/3 CG MN-FX AC220/230 TP	338914
1000A	NA1-2000XH-1000H/3 CG MN-FX AC380/400 TP	338915
1000A	NA1-2000XH-1000M/3P MO-FX AC220/230 TP	937308
1000A	NA1-2000XH-1000M/3P MO-FX AC380/400 TP	937309
1000A	NA1-2000XH-1000M/3P MN-FX AC220/230 TP	937314
1000A	NA1-2000XH-1000M/3P MN-FX AC380/400 TP	937315
1000A	NA1-2000XN-1000M/3P MO-FX AC220/230 TP	937428
1000A	NA1-2000XN-1000M/3P MO-FX AC380/400 TP	937429
1000A	NA1-2000XN-1000M/3P MN-FX AC380/400 TP	937433
1000A	NA1-2000XQ-1000H/3P MO-FX AC220/230	453950
1000A	NA1-2000XQ-1000H/3P MO-FX AC220/230TP	454101
1000A	NA1-2000XQ-1000H/3P MO-FX AC380/400	454245
1000A	NA1-2000XQ-1000H/3P MO-FX AC380/400TP	454389
1000A	NA1-2000XQ-1000H/3P MO-FX DC110V	454533
1000A	NA1-2000XQ-1000H/3P MO-FX DC110VTP	454677
1000A	NA1-2000XQ-1000H/3P MO-FX DC110V-3P+N	454581
1000A	NA1-2000XQ-1000H/3P MO-FX DC110V-3P+NTP	454725
1000A	NA1-2000XQ-1000H/3P MO-FX AC220/230-3P+N	453998
1000A	NA1-2000XQ-1000H/3P MO-FX AC220/230-3P+NTP	454149

NA1-2000 Fixed 3P

Rated Current	Description	Code
1000A	NA1-2000XQ-1000H/3P MO-FX AC380/400-3P+N	454293
1000A	NA1-2000XQ-1000H/3P MO-FX AC380/400-3P+NTP	454437
1000A	NA1-2000XQ-1000H/3P MN-FX AC220/230	453952
1000A	NA1-2000XQ-1000H/3P MN-FX AC220/230TP	454103
1000A	NA1-2000XQ-1000H/3P MN-FX AC380/400	454247
1000A	NA1-2000XQ-1000H/3P MN-FX AC380/400TP	454391
1000A	NA1-2000XQ-1000H/3P MN-FX DC110V	454535
1000A	NA1-2000XQ-1000H/3P MN-FX DC110VTP	454679
1000A	NA1-2000XQ-1000H/3P MN-FX DC110V-3P+N	454583
1000A	NA1-2000XQ-1000H/3P MN-FX DC110V-3P+NTP	454727
1000A	NA1-2000XQ-1000H/3P MN-FX AC220/230-3P+N	454007
1000A	NA1-2000XQ-1000H/3P MN-FX AC220/230-3P+NTP	454151
1000A	NA1-2000XQ-1000H/3P MN-FX AC380/400-3P+N	454295
1000A	NA1-2000XQ-1000H/3P MN-FX AC380/400-3P+NTP	454439
1000A	NA1-2000XQ-1000M/3P MO-FX AC220/230	453946
1000A	NA1-2000XQ-1000M/3P MO-FX AC220/230TP	454097
1000A	NA1-2000XQ-1000M/3P MO-FX AC380/400	454241
1000A	NA1-2000XQ-1000M/3P MO-FX AC380/400TP	454385
1000A	NA1-2000XQ-1000M/3P MO-FX DC110V	454529
1000A	NA1-2000XQ-1000M/3P MO-FX DC110VTP	454673
1000A	NA1-2000XQ-1000M/3P MO-FX DC110V-3P+N	454577
1000A	NA1-2000XQ-1000M/3P MO-FX DC110V-3P+NTP	454721
1000A	NA1-2000XQ-1000M/3P MO-FX AC220/230-3P+N	453994
1000A	NA1-2000XQ-1000M/3P MO-FX AC220/230-3P+NTP	454145
1000A	NA1-2000XQ-1000M/3P MO-FX AC380/400-3P+N	454289
1000A	NA1-2000XQ-1000M/3P MO-FX AC380/400-3P+NTP	454433
1000A	NA1-2000XQ-1000M/3P MN-FX AC220/230	453948
1000A	NA1-2000XQ-1000M/3P MN-FX AC220/230TP	454099
1000A	NA1-2000XQ-1000M/3P MN-FX AC380/400	454243
1000A	NA1-2000XQ-1000M/3P MN-FX AC380/400TP	454387
1000A	NA1-2000XQ-1000M/3P MN-FX DC110V	454531
1000A	NA1-2000XQ-1000M/3P MN-FX DC110VTP	454675
1000A	NA1-2000XQ-1000M/3P MN-FX DC110V-3P+N	454579
1000A	NA1-2000XQ-1000M/3P MN-FX DC110V-3P+NTP	454723
1000A	NA1-2000XQ-1000M/3P MN-FX AC220/230-3P+N	453996
1000A	NA1-2000XQ-1000M/3P MN-FX AC220/230-3P+NTP	454147
1000A	NA1-2000XQ-1000M/3P MN-FX AC380/400-3P+N	454291
1000A	NA1-2000XQ-1000M/3P MN-FX AC380/400-3P+NTP	454435
1250A	NA1-2000X-1250H/3P MO-FX AC220/230	101245
1250A	NA1-2000X-1250H/3P MO-FX AC380/400	937305

NA1-2000 Fixed 3P

Rated Current	Description	Code
1250A	NA1-2000X-1250H/3P MN-FX AC220/230	101803
1250A	NA1-2000X-1250M/3P MO-FX AC110V	265727
1250A	NA1-2000X-1250M/3P MO-FX AC220/230	101082
1250A	NA1-2000X-1250M/3P MO-FX AC380/400	101083
1250A	NA1-2000X-1250M/3P MO-FX AC220/230 TP	937098
1250A	NA1-2000X-1250M/3P MO-FX AC220/230-3P+N	215892
1250A	NA1-2000X-1250M/3P MO-FX AC380/400 TP	937099
1250A	NA1-2000X-1250M/3P MN-FX AC220/230	101112
1250A	NA1-2000X-1250M/3P MN-FX AC240	193208
1250A	NA1-2000X-1250M/3P MN-FX AC380/400	101143
1250A	NA1-2000X-1250M/3P MN-FX AC415	193209
1250A	NA1-2000X-1250M/3P MN-FX AC220/230 TP	937102
1250A	NA1-2000X-1250M/3P MN-FX AC220/230-3P+N	215880
1250A	NA1-2000X-1250M/3P MN-FX AC380/400 TP	937103
1250A	NA1-2000X-1250M/3 CG MO-FX AC220/230	101807
1250A	NA1-2000X-1250M/3 CG MO-FX AC380/400	101808
1250A	NA1-2000X-1250M/3 CG MN-FX AC220/230	101955
1250A	NA1-2000XH-1250H/3P MO-FX AC220/230 TP	338932
1250A	NA1-2000XH-1250H/3P MO-FX AC380/400 TP	338933
1250A	NA1-2000XH-1250H/3P MN-FX AC220/230 TP	338938
1250A	NA1-2000XH-1250H/3P MN-FX AC380/400 TP	338939
1250A	NA1-2000XH-1250H/3 CG MN-FX AC220/230 TP	338934
1250A	NA1-2000XH-1250H/3 CG MN-FX AC380/400 TP	338935
1250A	NA1-2000XH-1250M/3P MO-FX AC220/230 TP	937328
1250A	NA1-2000XH-1250M/3P MO-FX AC380/400 TP	937329
1250A	NA1-2000XH-1250M/3P MN-FX AC220/230 TP	937334
1250A	NA1-2000XH-1250M/3P MN-FX AC380/400 TP	937335
1250A	NA1-2000XN-1250M/3P MO-FX AC220/230 TP	937445
1250A	NA1-2000XN-1250M/3P MO-FX AC380/400 TP	937446
1250A	NA1-2000XN-1250M/3P MN-FX AC220/230 TP	937450
1250A	NA1-2000XN-1250M/3P MN-FX AC380/400 TP	937451
1250A	NA1-2000XQ-1250H/3P MO-FX AC220/230	453958
1250A	NA1-2000XQ-1250H/3P MO-FX AC220/230TP	454109
1250A	NA1-2000XQ-1250H/3P MO-FX AC380/400	454253
1250A	NA1-2000XQ-1250H/3P MO-FX AC380/400TP	454397
1250A	NA1-2000XQ-1250H/3P MO-FX DC110V	454541
1250A	NA1-2000XQ-1250H/3P MO-FX DC110VTP	454685
1250A	NA1-2000XQ-1250H/3P MO-FX DC110V-3P+N	454589
1250A	NA1-2000XQ-1250H/3P MO-FX DC110V-3P+NTP	454733
1250A	NA1-2000XQ-1250H/3P MO-FX AC220/230-3P+N	454013

NA1-2000 Fixed 3P

Rated Current	Description	Code
1250A	NA1-2000XQ-1250H/3P MO-FX AC220/230-3P+NTP	454157
1250A	NA1-2000XQ-1250H/3P MO-FX AC380/400-3P+N	454301
1250A	NA1-2000XQ-1250H/3P MO-FX AC380/400-3P+NTP	454445
1250A	NA1-2000XQ-1250H/3P MN-FX AC220/230	453960
1250A	NA1-2000XQ-1250H/3P MN-FX AC220/230TP	454111
1250A	NA1-2000XQ-1250H/3P MN-FX AC380/400	454255
1250A	NA1-2000XQ-1250H/3P MN-FX AC380/400TP	454399
1250A	NA1-2000XQ-1250H/3P MN-FX DC110V	454543
1250A	NA1-2000XQ-1250H/3P MN-FX DC110VTP	454687
1250A	NA1-2000XQ-1250H/3P MN-FX DC110V-3P+N	454591
1250A	NA1-2000XQ-1250H/3P MN-FX DC110V-3P+NTP	454735
1250A	NA1-2000XQ-1250H/3P MN-FX AC220/230-3P+N	454015
1250A	NA1-2000XQ-1250H/3P MN-FX AC220/230-3P+NTP	454159
1250A	NA1-2000XQ-1250H/3P MN-FX AC380/400-3P+N	454303
1250A	NA1-2000XQ-1250H/3P MN-FX AC380/400-3P+NTP	454447
1250A	NA1-2000XQ-1250M/3P MO-FX AC220/230	453954
1250A	NA1-2000XQ-1250M/3P MO-FX AC220/230TP	454105
1250A	NA1-2000XQ-1250M/3P MO-FX AC380/400	454249
1250A	NA1-2000XQ-1250M/3P MO-FX AC380/400TP	454393
1250A	NA1-2000XQ-1250M/3P MO-FX DC110V	454537
1250A	NA1-2000XQ-1250M/3P MO-FX DC110VTP	454681
1250A	NA1-2000XQ-1250M/3P MO-FX DC110V-3P+N	454585
1250A	NA1-2000XQ-1250M/3P MO-FX DC110V-3P+NTP	454729
1250A	NA1-2000XQ-1250M/3P MO-FX AC220/230-3P+N	454009
1250A	NA1-2000XQ-1250M/3P MO-FX AC220/230-3P+NTP	454153
1250A	NA1-2000XQ-1250M/3P MO-FX AC380/400-3P+N	454297
1250A	NA1-2000XQ-1250M/3P MO-FX AC380/400-3P+NTP	454441
1250A	NA1-2000XQ-1250M/3P MN-FX AC220/230	453956
1250A	NA1-2000XQ-1250M/3P MN-FX AC220/230TP	454107
1250A	NA1-2000XQ-1250M/3P MN-FX AC380/400	454251
1250A	NA1-2000XQ-1250M/3P MN-FX AC380/400TP	454395
1250A	NA1-2000XQ-1250M/3P MN-FX DC110V	454539
1250A	NA1-2000XQ-1250M/3P MN-FX DC110VTP	454683
1250A	NA1-2000XQ-1250M/3P MN-FX DC110V-3P+N	454587
1250A	NA1-2000XQ-1250M/3P MN-FX DC110V-3P+NTP	454731
1250A	NA1-2000XQ-1250M/3P MN-FX AC220/230-3P+N	454011
1250A	NA1-2000XQ-1250M/3P MN-FX AC220/230-3P+NTP	454155
1250A	NA1-2000XQ-1250M/3P MN-FX AC380/400-3P+N	454299
1250A	NA1-2000XQ-1250M/3P MN-FX AC380/400-3P+NTP	454443
1600A	NA1-2000X-1600H/3P MO-FX AC220/230	101244

NA1-2000 Fixed 3P

Rated Current	Description	Code
1600A	NA1-2000X-1600H/3P MO-FX AC380/400	937304
1600A	NA1-2000X-1600H/3P MN-FX AC220/230	101813
1600A	NA1-2000X-1600H/3MO-FX DC220UVTAC380/400	101211
1600A	NA1-2000X-1600M/3P MO-FX AC220/230	101084
1600A	NA1-2000X-1600M/3P MO-FX AC380/400	101085
1600A	NA1-2000X-1600M/3P MO-FX DC110V	523244
1600A	NA1-2000X-1600M/3P MO-FX AC220/230 TP	937114
1600A	NA1-2000X-1600M/3P MO-FX AC220/230-3P+N	215893
1600A	NA1-2000X-1600M/3P MO-FX AC380/400 TP	937115
1600A	NA1-2000X-1600M/3P MN-FX AC220/230	101113
1600A	NA1-2000X-1600M/3P MN-FX AC240	193212
1600A	NA1-2000X-1600M/3P MN-FX AC380/400	101060
1600A	NA1-2000X-1600M/3P MN-FX AC415	193213
1600A	NA1-2000X-1600M/3P MN-FX AC220/230 TP	937118
1600A	NA1-2000X-1600M/3P MN-FX AC220/230-3P+N	215881
1600A	ACB SA 20F 1600-Fixed-Manual	267505
1600A	NA1-2000X-1600M/3P MN-FX AC380/400 TP	937119
1600A	NA1-2000X-1600M/3 CG MO-FX AC220/230	101816
1600A	NA1-2000X-1600M/3 CG MO-FX AC380/400	101817
1600A	NA1-2000X-1600M/3 CG MN-FX AC220/230	101913
1600A	NA1-2000XH-1600H/3P MO-FX AC220/230 TP	338950
1600A	NA1-2000XH-1600H/3P MO-FX AC380/400 TP	338953
1600A	NA1-2000XH-1600H/3P MN-FX AC220/230 TP	338958
1600A	NA1-2000XH-1600H/3P MN-FX AC380/400 TP	338957
1600A	NA1-2000XH-1600H/3 CG MN-FX AC220/230 TP	338955
1600A	NA1-2000XH-1600H/3 CG MN-FX AC380/400 TP	338956
1600A	NA1-2000XH-1600M/3P MO-FX AC220/230 TP	937348
1600A	NA1-2000XH-1600M/3P MO-FX AC380/400 TP	937349
1600A	NA1-2000XH-1600M/3P MN-FX AC220/230 TP	937354
1600A	NA1-2000XH-1600M/3P MN-FX AC380/400 TP	937355
1600A	NA1-2000XN-1600M/3P MO-FX AC220/230 TP	937465
1600A	NA1-2000XN-1600M/3P MO-FX AC380/400 TP	937466
1600A	NA1-2000XN-1600M/3P MN-FX AC220/230 TP	937470
1600A	NA1-2000XN-1600M/3P MN-FX AC380/400 TP	937472
1600A	NA1-2000XQ-1600H/3P MO-FX AC220/230	453966
1600A	NA1-2000XQ-1600H/3P MO-FX AC220/230TP	454117
1600A	NA1-2000XQ-1600H/3P MO-FX AC380/400	454261
1600A	NA1-2000XQ-1600H/3P MO-FX AC380/400TP	454405
1600A	NA1-2000XQ-1600H/3P MO-FX DC110V	454549
1600A	NA1-2000XQ-1600H/3P MO-FX DC110VTP	454693

NA1-2000 Fixed 3P

Rated Current	Description	Code
1600A	NA1-2000XQ-1600H/3P MO-FX DC110V-3P+N	454597
1600A	NA1-2000XQ-1600H/3P MO-FX DC110V-3P+NTP	454741
1600A	NA1-2000XQ-1600H/3P MO-FX AC220/230-3P+N	454021
1600A	NA1-2000XQ-1600H/3P MO-FX AC220/230-3P+NTP	454165
1600A	NA1-2000XQ-1600H/3P MO-FX AC380/400-3P+N	454309
1600A	NA1-2000XQ-1600H/3P MO-FX AC380/400-3P+NTP	454453
1600A	NA1-2000XQ-1600H/3P MN-FX AC220/230	453968
1600A	NA1-2000XQ-1600H/3P MN-FX AC220/230TP	454119
1600A	NA1-2000XQ-1600H/3P MN-FX AC380/400	454263
1600A	NA1-2000XQ-1600H/3P MN-FX AC380/400TP	454407
1600A	NA1-2000XQ-1600H/3P MN-FX DC110V	454551
1600A	NA1-2000XQ-1600H/3P MN-FX DC110VTP	454695
1600A	NA1-2000XQ-1600H/3P MN-FX DC110V-3P+N	454599
1600A	NA1-2000XQ-1600H/3P MN-FX DC110V-3P+NTP	454743
1600A	NA1-2000XQ-1600H/3P MN-FX AC220/230-3P+N	454023
1600A	NA1-2000XQ-1600H/3P MN-FX AC220/230-3P+NTP	454167
1600A	NA1-2000XQ-1600H/3P MN-FX AC380/400-3P+N	454311
1600A	NA1-2000XQ-1600H/3P MN-FX AC380/400-3P+NTP	454455
1600A	NA1-2000XQ-1600M/3P MO-FX AC220/230	453962
1600A	NA1-2000XQ-1600M/3P MO-FX AC220/230TP	454113
1600A	NA1-2000XQ-1600M/3P MO-FX AC380/400	454257
1600A	NA1-2000XQ-1600M/3P MO-FX AC380/400TP	454401
1600A	NA1-2000XQ-1600M/3P MO-FX DC110V	454545
1600A	NA1-2000XQ-1600M/3P MO-FX DC110VTP	454689
1600A	NA1-2000XQ-1600M/3P MO-FX DC110V-3P+N	454593
1600A	NA1-2000XQ-1600M/3P MO-FX DC110V-3P+NTP	454737
1600A	NA1-2000XQ-1600M/3P MO-FX AC220/230-3P+N	454017
1600A	NA1-2000XQ-1600M/3P MO-FX AC220/230-3P+NTP	454161
1600A	NA1-2000XQ-1600M/3P MO-FX AC380/400-3P+N	454305
1600A	NA1-2000XQ-1600M/3P MO-FX AC380/400-3P+NTP	454449
1600A	NA1-2000XQ-1600M/3P MN-FX AC220/230	453964
1600A	NA1-2000XQ-1600M/3P MN-FX AC220/230TP	454115
1600A	NA1-2000XQ-1600M/3P MN-FX AC380/400	454259
1600A	NA1-2000XQ-1600M/3P MN-FX AC380/400TP	454403
1600A	NA1-2000XQ-1600M/3P MN-FX DC110V	454547
1600A	NA1-2000XQ-1600M/3P MN-FX DC110VTP	454691
1600A	NA1-2000XQ-1600M/3P MN-FX DC110V-3P+N	454595
1600A	NA1-2000XQ-1600M/3P MN-FX DC110V-3P+NTP	454739
1600A	NA1-2000XQ-1600M/3P MN-FX AC220/230-3P+N	454019
1600A	NA1-2000XQ-1600M/3P MN-FX AC220/230-3P+NTP	454163

NA1-2000 Fixed 3P

Rated Current	Description	Code
1600A	NA1-2000XQ-1600M/3P MN-FX AC380/400-3P+N	454307
1600A	NA1-2000XQ-1600M/3P MN-FX AC380/400-3P+NTP	454451
2000A	NA1-2000X-2000H/3P MO-FX AC220/230	101232
2000A	NA1-2000X-2000H/3P MN-FX AC220/230	101822
2000A	NA1-2000X-2000M/3P MO-FX AC110V	266279
2000A	NA1-2000X-2000M/3P MO-FX AC220/230	101086
2000A	NA1-2000X-2000M/3P MO-FX AC380/400	101087
2000A	NA1-2000X-2000M/3P MO-FX AC220/230 TP	937130
2000A	NA1-2000X-2000M/3P MO-FX AC220/230-3P+N	215894
2000A	NA1-2000X-2000M/3P MO-FX AC380/400 TP	937131
2000A	NA1-2000X-2000M/3P MN-FX AC220/230	101178
2000A	NA1-2000X-2000M/3P MN-FX AC240	193216
2000A	NA1-2000X-2000M/3P MN-FX AC380/400	101144
2000A	NA1-2000X-2000M/3P MN-FX AC415	193217
2000A	NA1-2000X-2000M/3P MN-FX AC220/230 TP	937134
2000A	NA1-2000X-2000M/3P MN-FX AC220/230-3P+N	215882
2000A	ACB SA 20F 2000-Fixed-Manual	267506
2000A	NA1-2000X-2000M/3P MN-FX AC380/400 TP	937135
2000A	NA1-2000X-2000M/3 CG MO-FX AC220/230	101826
2000A	NA1-2000X-2000M/3 CG MO-FX AC380/400	101827
2000A	NA1-2000X-2000M/3 CG MN-FX AC220/230	101948
2000A	NA1-2000XH-2000H/3P MO-FX AC220/230 TP	338971
2000A	NA1-2000XH-2000H/3P MO-FX AC380/400 TP	338975
2000A	NA1-2000XH-2000H/3P MN-FX AC220/230 TP	338978
2000A	NA1-2000XH-2000H/3P MN-FX AC380/400 TP	338981
2000A	NA1-2000XH-2000H/3 CG MN-FX AC220/230 TP	338974
2000A	NA1-2000XH-2000H/3 CG MN-FX AC380/400 TP	338973
2000A	NA1-2000XH-2000M/3P MO-FX AC220/230 TP	937368
2000A	NA1-2000XH-2000M/3P MO-FX AC380/400 TP	937369
2000A	NA1-2000XH-2000M/3P MN-FX AC220/230 TP	937374
2000A	NA1-2000XH-2000M/3P MN-FX AC380/400 TP	937375
2000A	NA1-2000XN-2000M/3P MO-FX AC220/230 TP	937484
2000A	NA1-2000XN-2000M/3P MO-FX AC380/400 TP	937485
2000A	NA1-2000XN-2000M/3P MN-FX AC220/230 TP	937489
2000A	NA1-2000XN-2000M/3P MN-FX AC380/400 TP	937490
2000A	NA1-2000XQ-2000H/3P MO-FX AC220/230	453974
2000A	NA1-2000XQ-2000H/3P MO-FX AC220/230TP	454125
2000A	NA1-2000XQ-2000H/3P MO-FX AC380/400	454269
2000A	NA1-2000XQ-2000H/3P MO-FX AC380/400TP	454413
2000A	NA1-2000XQ-2000H/3P MO-FX DC110V	454557

NA1-2000 Fixed 3P

Rated Current	Description	Code
2000A	NA1-2000XQ-2000H/3P MO-FX DC110VTP	454701
2000A	NA1-2000XQ-2000H/3P MO-FX DC110V-3P+N	454605
2000A	NA1-2000XQ-2000H/3P MO-FX DC110V-3P+NTP	454749
2000A	NA1-2000XQ-2000H/3P MO-FX AC220/230-3P+N	454029
2000A	NA1-2000XQ-2000H/3P MO-FX AC220/230-3P+NTP	454173
2000A	NA1-2000XQ-2000H/3P MO-FX AC380/400-3P+N	454317
2000A	NA1-2000XQ-2000H/3P MO-FX AC380/400-3P+NTP	454461
2000A	NA1-2000XQ-2000H/3P MN-FX AC220/230	453976
2000A	NA1-2000XQ-2000H/3P MN-FX AC220/230TP	454127
2000A	NA1-2000XQ-2000H/3P MN-FX AC380/400	454271
2000A	NA1-2000XQ-2000H/3P MN-FX AC380/400TP	454415
2000A	NA1-2000XQ-2000H/3P MN-FX DC110V	454559
2000A	NA1-2000XQ-2000H/3P MN-FX DC110VTP	454703
2000A	NA1-2000XQ-2000H/3P MN-FX DC110V-3P+N	454607
2000A	NA1-2000XQ-2000H/3P MN-FX DC110V-3P+NTP	454751
2000A	NA1-2000XQ-2000H/3P MN-FX AC220/230-3P+N	454031
2000A	NA1-2000XQ-2000H/3P MN-FX AC220/230-3P+NTP	454175
2000A	NA1-2000XQ-2000H/3P MN-FX AC380/400-3P+N	454319
2000A	NA1-2000XQ-2000H/3P MN-FX AC380/400-3P+NTP	454463
2000A	NA1-2000XQ-2000M/3P MO-FX AC220/230	453970
2000A	NA1-2000XQ-2000M/3P MO-FX AC220/230TP	454121
2000A	NA1-2000XQ-2000M/3P MO-FX AC380/400	454265
2000A	NA1-2000XQ-2000M/3P MO-FX AC380/400TP	454409
2000A	NA1-2000XQ-2000M/3P MO-FX DC110V	454553
2000A	NA1-2000XQ-2000M/3P MO-FX DC110VTP	454697
2000A	NA1-2000XQ-2000M/3P MO-FX DC110V-3P+N	454601
2000A	NA1-2000XQ-2000M/3P MO-FX DC110V-3P+NTP	454745
2000A	NA1-2000XQ-2000M/3P MO-FX AC220/230-3P+N	454025
2000A	NA1-2000XQ-2000M/3P MO-FX AC220/230-3P+NTP	454169
2000A	NA1-2000XQ-2000M/3P MO-FX AC380/400-3P+N	454313
2000A	NA1-2000XQ-2000M/3P MO-FX AC380/400-3P+NTP	454457
2000A	NA1-2000XQ-2000M/3P MN-FX AC220/230	453972
2000A	NA1-2000XQ-2000M/3P MN-FX AC220/230TP	454123
2000A	NA1-2000XQ-2000M/3P MN-FX AC380/400	454267
2000A	NA1-2000XQ-2000M/3P MN-FX AC380/400TP	454411
2000A	NA1-2000XQ-2000M/3P MN-FX DC110V	454555
2000A	NA1-2000XQ-2000M/3P MN-FX DC110VTP	454699
2000A	NA1-2000XQ-2000M/3P MN-FX DC110V-3P+N	454603
2000A	NA1-2000XQ-2000M/3P MN-FX DC110V-3P+NTP	454747
2000A	NA1-2000XQ-2000M/3P MN-FX AC220/230-3P+N	454027

NA1-2000 Fixed 3P

Rated Current	Description	Code
2000A	NA1-2000XQ-2000M/3P MN-FX AC220/230-3P+NTP	454171
2000A	NA1-2000XQ-2000M/3P MN-FX AC380/400-3P+N	454315
2000A	NA1-2000XQ-2000M/3P MN-FX AC380/400-3P+NTP	454459
630A	NA1-2000X-630H/3P MO-FX AC220/230	102094
630A	NA1-2000X-630H/3P MN-FX AC220/230	101832
630A	NA1-2000X-630M/3P MO-FX AC220/230	101076
630A	NA1-2000X-630M/3P MO-FX AC220/230 TP	937146
630A	NA1-2000X-630M/3P MO-FX AC380/400	101077
630A	NA1-2000X-630M/3P MO-FX AC380/400 TP	937147
630A	NA1-2000X-630M/3P MO-FX AC220/230-3P+N	215889
630A	NA1-2000X-630M/3P MN-FX AC220/230	101109
630A	NA1-2000X-630M/3P MN-FX AC220/230 TP	937150
630A	NA1-2000X-630M/3P MN-FX AC240	193220
630A	NA1-2000X-630M/3P MN-FX AC380/400	101159
630A	NA1-2000X-630M/3P MN-FX AC380/400 TP	937151
630A	NA1-2000X-630M/3P MN-FX AC415	193222
630A	NA1-2000X-630M/3P MN-FX AC220/230-3P+N	215877
630A	NA1-2000X-630M/3P CG MO-FX AC220/230	101835
630A	NA1-2000X-630M/3P CG MO-FX AC380/400	101836
630A	NA1-2000XH-630H/3P MO-FX AC220/230 TP	338992
630A	NA1-2000XH-630H/3P MO-FX AC380/400 TP	338993
630A	NA1-2000XH-630H/3P MN-FX AC220/230 TP	338996
630A	NA1-2000XH-630H/3P MN-FX AC380/400 TP	339028
630A	NA1-2000XH-630H/3 CG MN-FX AC220/230 TP	338995
630A	NA1-2000XH-630H/3 CG MN-FX AC380/400 TP	338994
630A	NA1-2000XH-630M/3P MO-FX AC220/230 TP	937388
630A	NA1-2000XH-630M/3P MO-FX AC380/400 TP	937389
630A	NA1-2000XH-630M/3P MN-FX AC220/230 TP	937394
630A	NA1-2000XH-630M/3P MN-FX AC380/400 TP	937395
630A	NA1-2000XN-630M/3P MO-FX AC220/230 TP	937501
630A	NA1-2000XN-630M/3P MO-FX AC380/400 TP	937502
630A	NA1-2000XN-630M/3P MN-FX AC220/230 TP	937506
630A	NA1-2000XN-630M/3P MN-FX AC380/400 TP	937507
630A	NA1-2000XQ-630H/3P MO-FX AC220/230	453934
630A	NA1-2000XQ-630H/3P MO-FX AC220/230TP	454085
630A	NA1-2000XQ-630H/3P MO-FX AC380/400	454229
630A	NA1-2000XQ-630H/3P MO-FX AC380/400TP	454373
630A	NA1-2000XQ-630H/3P MO-FX DC110V	454517
630A	NA1-2000XQ-630H/3P MO-FX DC110VTP	454661
630A	NA1-2000XQ-630H/3P MO-FX DC110V-3P+N	454565

NA1-2000 Fixed 3P

Rated Current	Description	Code
630A	NA1-2000XQ-630H/3P MO-FX DC110V-3P+NTP	454709
630A	NA1-2000XQ-630H/3P MO-FX AC220/230-3P+N	453982
630A	NA1-2000XQ-630H/3P MO-FX AC220/230-3P+NTP	454133
630A	NA1-2000XQ-630H/3P MO-FX AC380/400-3P+N	454277
630A	NA1-2000XQ-630H/3P MO-FX AC380/400-3P+NTP	454421
630A	NA1-2000XQ-630H/3P MN-FX AC220/230	453936
630A	NA1-2000XQ-630H/3P MN-FX AC220/230TP	454087
630A	NA1-2000XQ-630H/3P MN-FX AC380/400	454231
630A	NA1-2000XQ-630H/3P MN-FX AC380/400TP	454375
630A	NA1-2000XQ-630H/3P MN-FX DC110V	454519
630A	NA1-2000XQ-630H/3P MN-FX DC110VTP	454663
630A	NA1-2000XQ-630H/3P MN-FX DC110V-3P+N	454567
630A	NA1-2000XQ-630H/3P MN-FX DC110V-3P+NTP	454711
630A	NA1-2000XQ-630H/3P MN-FX AC220/230-3P+N	453984
630A	NA1-2000XQ-630H/3P MN-FX AC220/230-3P+NTP	454135
630A	NA1-2000XQ-630H/3P MN-FX AC380/400-3P+N	454279
630A	NA1-2000XQ-630H/3P MN-FX AC380/400-3P+NTP	454423
630A	NA1-2000XQ-630M/3P MO-FX AC220/230	453930
630A	NA1-2000XQ-630M/3P MO-FX AC220/230TP	454081
630A	NA1-2000XQ-630M/3P MO-FX AC380/400	454225
630A	NA1-2000XQ-630M/3P MO-FX AC380/400TP	454369
630A	NA1-2000XQ-630M/3P MO-FX DC110V	454513
630A	NA1-2000XQ-630M/3P MO-FX DC110VTP	454657
630A	NA1-2000XQ-630M/3P MO-FX DC110V-3P+N	454561
630A	NA1-2000XQ-630M/3P MO-FX DC110V-3P+NTP	454705
630A	NA1-2000XQ-630M/3P MO-FX AC220/230-3P+N	453978
630A	NA1-2000XQ-630M/3P MO-FX AC220/230-3P+NTP	454129
630A	NA1-2000XQ-630M/3P MO-FX AC380/400-3P+N	454273
630A	NA1-2000XQ-630M/3P MO-FX AC380/400-3P+NTP	454417
630A	NA1-2000XQ-630M/3P MN-FX AC220/230	453932
630A	NA1-2000XQ-630M/3P MN-FX AC220/230TP	454083
630A	NA1-2000XQ-630M/3P MN-FX AC380/400	454227
630A	NA1-2000XQ-630M/3P MN-FX AC380/400TP	454371
630A	NA1-2000XQ-630M/3P MN-FX DC110V	454515
630A	NA1-2000XQ-630M/3P MN-FX DC110VTP	454659
630A	NA1-2000XQ-630M/3P MN-FX DC110V-3P+N	454563
630A	NA1-2000XQ-630M/3P MN-FX DC110V-3P+NTP	454707
630A	NA1-2000XQ-630M/3P MN-FX AC220/230-3P+N	453980
630A	NA1-2000XQ-630M/3P MN-FX AC220/230-3P+NTP	454131
630A	NA1-2000XQ-630M/3P MN-FX AC380/400-3P+N	454275

NA1-2000 Fixed 3P

Rated Current	Description	Code
630A	NA1-2000XQ-630M/3P MN-FX AC380/400-3P+NTP	454419
800A	NA1-2000X-800H/3P MO-FX AC220/230	101954
800A	NA1-2000X-800H/3P MN-FX AC220/230	101842
800A	NA1-2000X-800M/3P MO-FX AC220/230	101078
800A	NA1-2000X-800M/3P MO-FX AC220/230 TP	937162
800A	NA1-2000X-800M/3P MO-FX AC380/400	101079
800A	NA1-2000X-800M/3P MO-FX AC380/400 TP	937163
800A	NA1-2000X-800M/3P MO-FX AC220/230-3P+N	215890
800A	NA1-2000X-800M/3P MN-FX AC220/230	101110
800A	NA1-2000X-800M/3P MN-FX AC220/230 TP	937166
800A	NA1-2000X-800M/3P MN-FX AC240	193224
800A	NA1-2000X-800M/3P MN-FX AC380/400	102219
800A	NA1-2000X-800M/3P MN-FX AC380/400 TP	937167
800A	NA1-2000X-800M/3P MN-FX AC415	193225
800A	NA1-2000X-800M/3P MN-FX AC220/230-3P+N	215878
800A	NA1-2000X-800M/3P CG MO-FX AC220/230	101846
800A	NA1-2000X-800M/3P CG MO-FX AC380/400	101847
800A	NA1-2000XH-800H/3P MO-FX AC220/230 TP	339039
800A	NA1-2000XH-800H/3P MO-FX AC380/400 TP	339040
800A	NA1-2000XH-800H/3P MN-FX AC220/230 TP	339045
800A	NA1-2000XH-800H/3P MN-FX AC380/400 TP	339047
800A	NA1-2000XH-800H/3 CG MN-FX AC220/230 TP	339041
800A	NA1-2000XH-800H/3 CG MN-FX AC380/400 TP	339042
800A	NA1-2000XH-800M/3P MO-FX AC220/230 TP	937408
800A	NA1-2000XH-800M/3P MO-FX AC380/400 TP	937409
800A	NA1-2000XH-800M/3P MN-FX AC220/230 TP	937414
800A	NA1-2000XH-800M/3P MN-FX AC380/400 TP	937415
800A	NA1-2000XN-800M/3P MO-FX AC220/230 TP	937518
800A	NA1-2000XN-800M/3P MO-FX AC380/400 TP	937519
800A	NA1-2000XN-800M/3P MN-FX AC220/230 TP	937523
800A	NA1-2000XN-800M/3P MN-FX AC380/400 TP	937524
800A	NA1-2000XQ-800H/3P MO-FX AC220/230	453942
800A	NA1-2000XQ-800H/3P MO-FX AC220/230TP	454093
800A	NA1-2000XQ-800H/3P MO-FX AC380/400	454237
800A	NA1-2000XQ-800H/3P MO-FX AC380/400TP	454381
800A	NA1-2000XQ-800H/3P MO-FX DC110V	454525
800A	NA1-2000XQ-800H/3P MO-FX DC110VTP	454669
800A	NA1-2000XQ-800H/3P MO-FX DC110V-3P+N	454573
800A	NA1-2000XQ-800H/3P MO-FX DC110V-3P+NTP	454717
800A	NA1-2000XQ-800H/3P MO-FX AC220/230-3P+N	453990

NA1-2000 Fixed 3P

Rated Current	Description	Code
800A	NA1-2000XQ-800H/3P MO-FX AC220/230-3P+NTP	454141
800A	NA1-2000XQ-800H/3P MO-FX AC380/400-3P+N	454285
800A	NA1-2000XQ-800H/3P MO-FX AC380/400-3P+NTP	454429
800A	NA1-2000XQ-800H/3P MN-FX AC220/230	453944
800A	NA1-2000XQ-800H/3P MN-FX AC220/230TP	454095
800A	NA1-2000XQ-800H/3P MN-FX AC380/400	454239
800A	NA1-2000XQ-800H/3P MN-FX AC380/400TP	454383
800A	NA1-2000XQ-800H/3P MN-FX DC110V	454527
800A	NA1-2000XQ-800H/3P MN-FX DC110VTP	454671
800A	NA1-2000XQ-800H/3P MN-FX DC110V-3P+N	454575
800A	NA1-2000XQ-800H/3P MN-FX DC110V-3P+NTP	454719
800A	NA1-2000XQ-800H/3P MN-FX AC220/230-3P+N	453992
800A	NA1-2000XQ-800H/3P MN-FX AC220/230-3P+NTP	454143
800A	NA1-2000XQ-800H/3P MN-FX AC380/400-3P+N	454287
800A	NA1-2000XQ-800H/3P MN-FX AC380/400-3P+NTP	454431
800A	NA1-2000XQ-800M/3P MO-FX AC220/230	453938
800A	NA1-2000XQ-800M/3P MO-FX AC220/230TP	454089
800A	NA1-2000XQ-800M/3P MO-FX AC380/400	454233
800A	NA1-2000XQ-800M/3P MO-FX AC380/400TP	454377
800A	NA1-2000XQ-800M/3P MO-FX DC110V	454521
800A	NA1-2000XQ-800M/3P MO-FX DC110VTP	454665
800A	NA1-2000XQ-800M/3P MO-FX DC110V-3P+N	454569
800A	NA1-2000XQ-800M/3P MO-FX DC110V-3P+NTP	454713
800A	NA1-2000XQ-800M/3P MO-FX AC220/230-3P+N	453986
800A	NA1-2000XQ-800M/3P MO-FX AC220/230-3P+NTP	454137
800A	NA1-2000XQ-800M/3P MO-FX AC380/400-3P+N	454281
800A	NA1-2000XQ-800M/3P MO-FX AC380/400-3P+NTP	454425
800A	NA1-2000XQ-800M/3P MN-FX AC220/230	453940
800A	NA1-2000XQ-800M/3P MN-FX AC220/230TP	454091
800A	NA1-2000XQ-800M/3P MN-FX AC380/400	454235
800A	NA1-2000XQ-800M/3P MN-FX AC380/400TP	454379
800A	NA1-2000XQ-800M/3P MN-FX DC110V	454523
800A	NA1-2000XQ-800M/3P MN-FX DC110VTP	454667
800A	NA1-2000XQ-800M/3P MN-FX DC110V-3P+N	454571
800A	NA1-2000XQ-800M/3P MN-FX DC110V-3P+NTP	454715
800A	NA1-2000XQ-800M/3P MN-FX AC220/230-3P+N	453988
800A	NA1-2000XQ-800M/3P MN-FX AC220/230-3P+NTP	454139
800A	NA1-2000XQ-800M/3P MN-FX AC380/400-3P+N	454283
800A	NA1-2000XQ-800M/3P MN-FX AC380/400-3P+NTP	454427

NA1-2000 Fixed 4P

Rated Current	Description	Code
1000A	NA1-2000X-1000H/4P MN-FX AC220/230	101794
1000A	NA1-2000X-1000M/4P MO-FX AC220/230	101248
1000A	NA1-2000X-1000M/4P MO-FX AC380/400	101276
1000A	NA1-2000X-1000M/4P MO-FX AC220/230 TP	937090
1000A	NA1-2000X-1000M/4P MO-FX AC380/400 TP	937091
1000A	NA1-2000X-1000M/4P MN-FX AC220/230	101118
1000A	NA1-2000X-1000M/4P MN-FX AC240	193206
1000A	NA1-2000X-1000M/4P MN-FX AC380/400	101043
1000A	NA1-2000X-1000M/4P MN-FX AC415	193207
1000A	NA1-2000X-1000M/4P MN-FX AC220/230 TP	937094
1000A	NA1-2000X-1000M/4P MN-FX AC380/400 TP	937095
1000A	NA1-2000X-1000M/4 CG MO-FX AC220/230	101801
1000A	NA1-2000X-1000M/4 CG MO-FX AC380/400	101802
1000A	NA1-2000XH-1000H/4P MO-FX AC220/230 TP	338921
1000A	NA1-2000XH-1000H/4P MO-FX AC380/400 TP	338924
1000A	NA1-2000XH-1000H/4P MN-FX AC220/230 TP	338928
1000A	NA1-2000XH-1000H/4P MN-FX AC380/400 TP	338929
1000A	NA1-2000XH-1000H/4 CG MN-FX AC220/230 TP	338925
1000A	NA1-2000XH-1000H/4 CG MN-FX AC380/400 TP	338923
1000A	NA1-2000XH-1000M/4P MO-FX AC220/230 TP	937318
1000A	NA1-2000XH-1000M/4P MO-FX AC380/400 TP	937319
1000A	NA1-2000XH-1000M/4P MN-FX AC220/230 TP	937324
1000A	NA1-2000XH-1000M/4P MN-FX AC380/400 TP	937325
1000A	NA1-2000XN-1000M/4P MO-FX AC220/230 TP	937436
1000A	NA1-2000XN-1000M/4P MO-FX AC380/400 TP	937437
1000A	NA1-2000XN-1000M/4P MN-FX AC220/230 TP	937441
1000A	NA1-2000XN-1000M/4P MN-FX AC380/400 TP	937442
1000A	NA1-2000XQ-1000H/4P MO-FX AC220/230	454053
1000A	NA1-2000XQ-1000H/4P MO-FX AC220/230TP	454197
1000A	NA1-2000XQ-1000H/4P MO-FX AC380/400	454341
1000A	NA1-2000XQ-1000H/4P MO-FX AC380/400TP	454485
1000A	NA1-2000XQ-1000H/4P MO-FX DC110V	454629
1000A	NA1-2000XQ-1000H/4P MO-FX DC110VTP	454773
1000A	NA1-2000XQ-1000H/4P MN-FX AC220/230	454055
1000A	NA1-2000XQ-1000H/4P MN-FX AC220/230TP	454199
1000A	NA1-2000XQ-1000H/4P MN-FX AC380/400	454343
1000A	NA1-2000XQ-1000H/4P MN-FX AC380/400TP	454487
1000A	NA1-2000XQ-1000H/4P MN-FX DC110V	454631
1000A	NA1-2000XQ-1000H/4P MN-FX DC110VTP	454775
1000A	NA1-2000XQ-1000M/4P MO-FX AC220/230	454049
1000A	NA1-2000XQ-1000M/4P MO-FX AC220/230TP	454193

NA1-2000 Fixed 4P

Rated Current	Description	Code
1000A	NA1-2000XQ-1000M/4P MO-FX AC380/400	454337
1000A	NA1-2000XQ-1000M/4P MO-FX AC380/400TP	454481
1000A	NA1-2000XQ-1000M/4P MO-FX DC110V	454625
1000A	NA1-2000XQ-1000M/4P MO-FX DC110VTP	454769
1000A	NA1-2000XQ-1000M/4P MN-FX AC220/230	454051
1000A	NA1-2000XQ-1000M/4P MN-FX AC220/230TP	454195
1000A	NA1-2000XQ-1000M/4P MN-FX AC380/400	454339
1000A	NA1-2000XQ-1000M/4P MN-FX AC380/400TP	454483
1000A	NA1-2000XQ-1000M/4P MN-FX DC110V	454627
1000A	NA1-2000XQ-1000M/4P MN-FX DC110VTP	454771
1250A	NA1-2000X-1250H/4P MO-FX AC220/230	101247
1250A	NA1-2000X-1250H/4P MN-FX AC220/230	101804
1250A	NA1-2000X-1250H/4P MN-FX AC220/230TP	508252
1250A	NA1-2000X-1250M/4P MO-FX AC220/230	101277
1250A	NA1-2000X-1250M/4P MO-FX AC380/400	101174
1250A	NA1-2000X-1250M/4P MO-FX AC220/230 TP	937106
1250A	NA1-2000X-1250M/4P MO-FX AC380/400 TP	937107
1250A	NA1-2000X-1250M/4P MN-FX AC220/230	101119
1250A	NA1-2000X-1250M/4P MN-FX AC240	193210
1250A	NA1-2000X-1250M/4P MN-FX AC380/400	101172
1250A	NA1-2000X-1250M/4P MN-FX AC415	193211
1250A	NA1-2000X-1250M/4P MN-FX AC220/230 TP	937110
1250A	NA1-2000X-1250M/4P MN-FX AC380/400 TP	937111
1250A	NA1-2000X-1250M/4 CG MO-FX AC220/230	101811
1250A	NA1-2000X-1250M/4 CG MO-FX AC380/400	101812
1250A	NA1-2000X-1250M/4 CG MN-FX AC220/230	101935
1250A	NA1-2000XH-1250H/4P MO-FX AC220/230 TP	338942
1250A	NA1-2000XH-1250H/4P MO-FX AC380/400 TP	338943
1250A	NA1-2000XH-1250H/4P MN-FX AC220/230 TP	338948
1250A	NA1-2000XH-1250H/4P MN-FX AC380/400 TP	338949
1250A	NA1-2000XH-1250H/4 CG MN-FX AC220/230 TP	338944
1250A	NA1-2000XH-1250H/4 CG MN-FX AC380/400 TP	338945
1250A	NA1-2000XH-1250M/4P MO-FX AC220/230 TP	937338
1250A	NA1-2000XH-1250M/4P MO-FX AC380/400 TP	937339
1250A	NA1-2000XH-1250M/4P MN-FX AC220/230 TP	937344
1250A	NA1-2000XH-1250M/4P MN-FX AC380/400 TP	937345
1250A	NA1-2000XN-1250M/4P MO-FX AC220/230 TP	937454
1250A	NA1-2000XN-1250M/4P MO-FX AC380/400 TP	937455
1250A	NA1-2000XN-1250M/4P MN-FX AC220/230 TP	937459
1250A	NA1-2000XN-1250M/4P MN-FX AC380/400 TP	937460

NA1-2000 Fixed 4P

Rated Current	Description	Code
1250A	NA1-2000XQ-1250H/4P MO-FX AC220/230	454061
1250A	NA1-2000XQ-1250H/4P MO-FX AC220/230TP	454205
1250A	NA1-2000XQ-1250H/4P MO-FX AC380/400	454349
1250A	NA1-2000XQ-1250H/4P MO-FX AC380/400TP	454493
1250A	NA1-2000XQ-1250H/4P MO-FX DC110V	454637
1250A	NA1-2000XQ-1250H/4P MO-FX DC110VTP	454781
1250A	NA1-2000XQ-1250H/4P MN-FX AC220/230	454063
1250A	NA1-2000XQ-1250H/4P MN-FX AC220/230TP	454207
1250A	NA1-2000XQ-1250H/4P MN-FX AC380/400	454351
1250A	NA1-2000XQ-1250H/4P MN-FX AC380/400TP	454495
1250A	NA1-2000XQ-1250H/4P MN-FX DC110V	454639
1250A	NA1-2000XQ-1250H/4P MN-FX DC110VTP	454783
1250A	NA1-2000XQ-1250M/4P MO-FX AC220/230	454057
1250A	NA1-2000XQ-1250M/4P MO-FX AC220/230TP	454201
1250A	NA1-2000XQ-1250M/4P MO-FX AC380/400	454345
1250A	NA1-2000XQ-1250M/4P MO-FX AC380/400TP	454489
1250A	NA1-2000XQ-1250M/4P MO-FX DC110V	454633
1250A	NA1-2000XQ-1250M/4P MO-FX DC110VTP	454777
1250A	NA1-2000XQ-1250M/4P MN-FX AC220/230	454059
1250A	NA1-2000XQ-1250M/4P MN-FX AC220/230TP	454203
1250A	NA1-2000XQ-1250M/4P MN-FX AC380/400	454347
1250A	NA1-2000XQ-1250M/4P MN-FX AC380/400TP	454491
1250A	NA1-2000XQ-1250M/4P MN-FX DC110V	454635
1250A	NA1-2000XQ-1250M/4P MN-FX DC110VTP	454779
1600A	NA1-2000X-1600H/4P MO-FX AC220/230	101261
1600A	NA1-2000X-1600H/4P MO-FX AC220/230(RF)	437695
1600A	NA1-2000X-1600H/4P MN-FX AC220/230	101271
1600A	NA1-2000X-1600M/4P MO-FX AC220/230	101278
1600A	NA1-2000X-1600M/4P MO-FX AC380/400	101106
1600A	NA1-2000X-1600M/4P MO-FX AC220/230 TP	937122
1600A	NA1-2000X-1600M/4P MO-FX AC380/400 TP	937123
1600A	NA1-2000X-1600M/4P MN-FX AC220/230	101120
1600A	NA1-2000X-1600M/4P MN-FX AC240	193214
1600A	NA1-2000X-1600M/4P MN-FX AC380/400	101197
1600A	NA1-2000X-1600M/4P MN-FX AC415	193215
1600A	NA1-2000X-1600M/4P MN-FX AC220/230 TP	937126
1600A	NA1-2000X-1600M/4P MN-FX AC380/400 TP	937127
1600A	NA1-2000X-1600M/4 CG MO-FX AC220/230	101820
1600A	NA1-2000X-1600M/4 CG MO-FX AC380/400	101821
1600A	NA1-2000X-1600M/4 CG MN-FX AC220/230	101914

NA1-2000 Fixed 4P

Rated Current	Description	Code
1600A	NA1-2000XH-1600H/4P MO-FX AC220/230 TP	338961
1600A	NA1-2000XH-1600H/4P MO-FX AC380/400 TP	338963
1600A	NA1-2000XH-1600H/4P MN-FX AC220/230 TP	338969
1600A	NA1-2000XH-1600H/4P MN-FX AC380/400 TP	338968
1600A	NA1-2000XH-1600H/4 CG MN-FX AC220/230 TP	338964
1600A	NA1-2000XH-1600H/4 CG MN-FX AC380/400 TP	338965
1600A	NA1-2000XH-1600M/4P MO-FX AC220/230 TP	937358
1600A	NA1-2000XH-1600M/4P MO-FX AC380/400 TP	937359
1600A	NA1-2000XH-1600M/4P MN-FX AC220/230 TP	937364
1600A	NA1-2000XH-1600M/4P MN-FX AC380/400 TP	937365
1600A	NA1-2000XN-1600M/4P MO-FX AC220/230 TP	937475
1600A	NA1-2000XN-1600M/4P MO-FX AC380/400 TP	937476
1600A	NA1-2000XN-1600M/4P MN-FX AC220/230 TP	937480
1600A	NA1-2000XN-1600M/4P MN-FX AC380/400 TP	937481
1600A	NA1-2000XQ-1600H/4P MO-FX AC220/230	454069
1600A	NA1-2000XQ-1600H/4P MO-FX AC220/230TP	454213
1600A	NA1-2000XQ-1600H/4P MO-FX AC380/400	454357
1600A	NA1-2000XQ-1600H/4P MO-FX AC380/400TP	454501
1600A	NA1-2000XQ-1600H/4P MO-FX DC110V	454645
1600A	NA1-2000XQ-1600H/4P MO-FX DC110VTP	454789
1600A	NA1-2000XQ-1600H/4P MN-FX AC220/230	454071
1600A	NA1-2000XQ-1600H/4P MN-FX AC220/230TP	454215
1600A	NA1-2000XQ-1600H/4P MN-FX AC380/400	454359
1600A	NA1-2000XQ-1600H/4P MN-FX AC380/400TP	454503
1600A	NA1-2000XQ-1600H/4P MN-FX DC110V	454647
1600A	NA1-2000XQ-1600H/4P MN-FX DC110VTP	454791
1600A	NA1-2000XQ-1600M/4P MO-FX AC220/230	454065
1600A	NA1-2000XQ-1600M/4P MO-FX AC220/230TP	454209
1600A	NA1-2000XQ-1600M/4P MO-FX AC380/400	454353
1600A	NA1-2000XQ-1600M/4P MO-FX AC380/400TP	454497
1600A	NA1-2000XQ-1600M/4P MO-FX DC110V	454641
1600A	NA1-2000XQ-1600M/4P MO-FX DC110VTP	454785
1600A	NA1-2000XQ-1600M/4P MN-FX AC220/230	454067
1600A	NA1-2000XQ-1600M/4P MN-FX AC220/230TP	454211
1600A	NA1-2000XQ-1600M/4P MN-FX AC380/400	454355
1600A	NA1-2000XQ-1600M/4P MN-FX AC380/400TP	454499
1600A	NA1-2000XQ-1600M/4P MN-FX DC110V	454643
1600A	NA1-2000XQ-1600M/4P MN-FX DC110VTP	454787
2000A	NA1-2000X-2000H/4P MO-FX AC220/230	101269
2000A	NA1-2000X-2000H/4P MN-FX AC220/230	101823

NA1-2000 Fixed 4P

Rated Current	Description	Code
2000A	NA1-2000X-2000M/4P MO-FX AC220/230	101069
2000A	NA1-2000X-2000M/4P MO-FX AC380/400	101073
2000A	NA1-2000X-2000M/4P MO-FX AC220/230 TP	937138
2000A	NA1-2000X-2000M/4P MO-FX AC380/400 TP	937139
2000A	NA1-2000X-2000M/4P MN-FX AC220/230	101121
2000A	NA1-2000X-2000M/4P MN-FX AC240	193218
2000A	NA1-2000X-2000M/4P MN-FX AC380/400	101181
2000A	NA1-2000X-2000M/4P MN-FX AC415	193219
2000A	NA1-2000X-2000M/4P MN-FX AC220/230 TP	937142
2000A	NA1-2000X-2000M/4P MN-FX AC380/400 TP	937143
2000A	NA1-2000X-2000M/4 CG MO-FX AC220/230	101830
2000A	NA1-2000X-2000M/4 CG MO-FX AC380/400	101831
2000A	NA1-2000X-2000M/4 CG MN-FX AC220/230	101925
2000A	NA1-2000XH-2000H/4P MO-FX AC220/230 TP	338982
2000A	NA1-2000XH-2000H/4P MO-FX AC380/400 TP	338983
2000A	NA1-2000XH-2000H/4P MN-FX AC220/230 TP	338989
2000A	NA1-2000XH-2000H/4P MN-FX AC380/400 TP	338988
2000A	NA1-2000XH-2000H/4 CG MN-FX AC220/230 TP	338984
2000A	NA1-2000XH-2000H/4 CG MN-FX AC380/400 TP	338987
2000A	NA1-2000XH-2000M/4P MO-FX AC220/230 TP	937378
2000A	NA1-2000XH-2000M/4P MO-FX AC380/400 TP	937379
2000A	NA1-2000XH-2000M/4P MN-FX AC220/230 TP	937384
2000A	NA1-2000XH-2000M/4P MN-FX AC380/400 TP	937385
2000A	NA1-2000XN-2000M/4P MO-FX AC220/230 TP	937493
2000A	NA1-2000XN-2000M/4P MO-FX AC380/400 TP	937494
2000A	NA1-2000XN-2000M/4P MN-FX AC220/230 TP	937497
2000A	NA1-2000XN-2000M/4P MN-FX AC380/400 TP	937498
2000A	NA1-2000XQ-2000H/4P MO-FX AC220/230	454077
2000A	NA1-2000XQ-2000H/4P MO-FX AC220/230TP	454221
2000A	NA1-2000XQ-2000H/4P MO-FX AC380/400	454365
2000A	NA1-2000XQ-2000H/4P MO-FX AC380/400TP	454509
2000A	NA1-2000XQ-2000H/4P MO-FX DC110V	454653
2000A	NA1-2000XQ-2000H/4P MO-FX DC110VTP	454797
2000A	NA1-2000XQ-2000H/4P MN-FX AC220/230	454079
2000A	NA1-2000XQ-2000H/4P MN-FX AC220/230TP	454223
2000A	NA1-2000XQ-2000H/4P MN-FX AC380/400	454367
2000A	NA1-2000XQ-2000H/4P MN-FX AC380/400TP	454511
2000A	NA1-2000XQ-2000H/4P MN-FX DC110V	454655
2000A	NA1-2000XQ-2000H/4P MN-FX DC110VTP	454799
2000A	NA1-2000XQ-2000M/4P MO-FX AC220/230	454073

NA1-2000 Fixed 4P

Rated Current	Description	Code
2000A	NA1-2000XQ-2000M/4P MO-FX AC220/230TP	454217
2000A	NA1-2000XQ-2000M/4P MO-FX AC380/400	454361
2000A	NA1-2000XQ-2000M/4P MO-FX AC380/400TP	454505
2000A	NA1-2000XQ-2000M/4P MO-FX DC110V	454649
2000A	NA1-2000XQ-2000M/4P MO-FX DC110VTP	454793
2000A	NA1-2000XQ-2000M/4P MN-FX AC220/230	454075
2000A	NA1-2000XQ-2000M/4P MN-FX AC220/230TP	454219
2000A	NA1-2000XQ-2000M/4P MN-FX AC380/400	454363
2000A	NA1-2000XQ-2000M/4P MN-FX AC380/400TP	454507
2000A	NA1-2000XQ-2000M/4P MN-FX DC110V	454651
2000A	NA1-2000XQ-2000M/4P MN-FX DC110VTP	454795
630A	NA1-2000X-630H/4P MN-FX AC220/230	102105
630A	NA1-2000X-630H/4P MN-FX AC220/230	101841
630A	NA1-2000X-630M/4P MO-FX AC220/230	101272
630A	NA1-2000X-630M/4P MO-FX AC220/230 TP	937154
630A	NA1-2000X-630M/4P MO-FX AC380/400	101273
630A	NA1-2000X-630M/4P MO-FX AC380/400 TP	937155
630A	NA1-2000X-630M/4P MN-FX AC220/230	101116
630A	NA1-2000X-630M/4P MN-FX AC220/230 TP	937158
630A	NA1-2000X-630M/4P MN-FX AC240	193221
630A	NA1-2000X-630M/4P MN-FX AC380/400 TP	937159
630A	NA1-2000X-630M/4P MN-FX AC415	193223
630A	NA1-2000X-630M/4P CG MO-FX AC220/230	101839
630A	NA1-2000X-630M/4P CG MO-FX AC380/400	101840
630A	NA1-2000XH-630H/4P MO-FX AC220/230 TP	339029
630A	NA1-2000XH-630H/4P MO-FX AC380/400 TP	339030
630A	NA1-2000XH-630H/4P MN-FX AC220/230 TP	339035
630A	NA1-2000XH-630H/4P MN-FX AC380/400 TP	339036
630A	NA1-2000XH-630H/4 CG MN-FX AC220/230 TP	339031
630A	NA1-2000XH-630H/4 CG MN-FX AC380/400 TP	339032
630A	NA1-2000XH-630M/4P MO-FX AC220/230 TP	937398
630A	NA1-2000XH-630M/4P MO-FX AC380/400 TP	937399
630A	NA1-2000XH-630M/4P MN-FX AC220/230 TP	937404
630A	NA1-2000XH-630M/4P MN-FX AC380/400 TP	937405
630A	NA1-2000XN-630M/4P MO-FX AC220/230 TP	937510
630A	NA1-2000XN-630M/4P MO-FX AC380/400 TP	937511
630A	NA1-2000XN-630M/4P MN-FX AC220/230 TP	937514
630A	NA1-2000XN-630M/4P MN-FX AC380/400 TP	937515
630A	NA1-2000XQ-630H/4P MO-FX AC220/230	454037
630A	NA1-2000XQ-630H/4P MO-FX AC220/230TP	454181

NA1-2000 Fixed 4P

Rated Current	Description	Code
630A	NA1-2000XQ-630H/4P MO-FX AC380/400	454325
630A	NA1-2000XQ-630H/4P MO-FX AC380/400TP	454469
630A	NA1-2000XQ-630H/4P MO-FX DC110V	454613
630A	NA1-2000XQ-630H/4P MO-FX DC110VTP	454757
630A	NA1-2000XQ-630H/4P MN-FX AC220/230	454039
630A	NA1-2000XQ-630H/4P MN-FX AC220/230TP	454183
630A	NA1-2000XQ-630H/4P MN-FX AC380/400	454327
630A	NA1-2000XQ-630H/4P MN-FX AC380/400TP	454471
630A	NA1-2000XQ-630H/4P MN-FX DC110V	454615
630A	NA1-2000XQ-630H/4P MN-FX DC110VTP	454759
630A	NA1-2000XQ-630M/4P MO-FX AC220/230	454033
630A	NA1-2000XQ-630M/4P MO-FX AC220/230TP	454177
630A	NA1-2000XQ-630M/4P MO-FX AC380/400	454321
630A	NA1-2000XQ-630M/4P MO-FX AC380/400TP	454465
630A	NA1-2000XQ-630M/4P MO-FX DC110V	454609
630A	NA1-2000XQ-630M/4P MO-FX DC110VTP	454753
630A	NA1-2000XQ-630M/4P MN-FX AC220/230	454035
630A	NA1-2000XQ-630M/4P MN-FX AC220/230TP	454179
630A	NA1-2000XQ-630M/4P MN-FX AC380/400	454323
630A	NA1-2000XQ-630M/4P MN-FX AC380/400TP	454467
630A	NA1-2000XQ-630M/4P MN-FX DC110V	454611
630A	NA1-2000XQ-630M/4P MN-FX DC110VTP	454755
800A	NA1-2000X-800H/4P MN-FX AC220/230	101843
800A	NA1-2000X-800M/4P MO-FX AC220/230	101274
800A	NA1-2000X-800M/4P MO-FX AC220/230 TP	937170
800A	NA1-2000X-800M/4P MO-FX AC380/400	101275
800A	NA1-2000X-800M/4P MO-FX AC380/400 TP	937171
800A	NA1-2000X-800M/4P MN-FX AC220/230	101117
800A	NA1-2000X-800M/4P MN-FX AC220/230 TP	937174
800A	NA1-2000X-800M/4P MN-FX AC240	193226
800A	NA1-2000X-800M/4P MN-FX AC380/400 TP	937175
800A	NA1-2000X-800M/4P MN-FX AC415	193227
800A	NA1-2000X-800M/4P CG MO-FX AC220/230	101850
800A	NA1-2000X-800M/4P CG MO-FX AC380/400	101851
800A	NA1-2000XH-800H/4P MO-FX AC220/230 TP	339049
800A	NA1-2000XH-800H/4P MO-FX AC380/400 TP	339050
800A	NA1-2000XH-800H/4P MN-FX AC220/230 TP	339054
800A	NA1-2000XH-800H/4P MN-FX AC380/400 TP	339056
800A	NA1-2000XH-800H/4 CG MN-FX AC220/230 TP	339051
800A	NA1-2000XH-800H/4 CG MN-FX AC380/400 TP	339052

NA1-2000 Fixed 4P

Rated Current	Description	Code
800A	NA1-2000XH-800M/4P MO-FX AC220/230 TP	937418
800A	NA1-2000XH-800M/4P MO-FX AC380/400 TP	937419
800A	NA1-2000XH-800M/4P MN-FX AC220/230 TP	937424
800A	NA1-2000XH-800M/4P MN-FX AC380/400 TP	937425
800A	NA1-2000XN-800M/4P MO-FX AC220/230 TP	937527
800A	NA1-2000XN-800M/4P MO-FX AC380/400 TP	937528
800A	NA1-2000XN-800M/4P MN-FX AC220/230 TP	937531
800A	NA1-2000XN-800M/4P MN-FX AC380/400 TP	937532
800A	NA1-2000XQ-800H/4P MO-FX AC220/230	454045
800A	NA1-2000XQ-800H/4P MO-FX AC220/230TP	454189
800A	NA1-2000XQ-800H/4P MO-FX AC380/400	454333
800A	NA1-2000XQ-800H/4P MO-FX AC380/400TP	454477
800A	NA1-2000XQ-800H/4P MO-FX DC110V	454621
800A	NA1-2000XQ-800H/4P MO-FX DC110VTP	454765
800A	NA1-2000XQ-800H/4P MN-FX AC220/230	454047
800A	NA1-2000XQ-800H/4P MN-FX AC220/230TP	454191
800A	NA1-2000XQ-800H/4P MN-FX AC380/400	454335
800A	NA1-2000XQ-800H/4P MN-FX AC380/400TP	454479
800A	NA1-2000XQ-800H/4P MN-FX DC110V	454623
800A	NA1-2000XQ-800H/4P MN-FX DC110VTP	454767
800A	NA1-2000XQ-800M/4P MO-FX AC220/230	454041
800A	NA1-2000XQ-800M/4P MO-FX AC220/230TP	454185
800A	NA1-2000XQ-800M/4P MO-FX AC380/400	454329
800A	NA1-2000XQ-800M/4P MO-FX AC380/400TP	454473
800A	NA1-2000XQ-800M/4P MO-FX DC110V	454617
800A	NA1-2000XQ-800M/4P MO-FX DC110VTP	454761
800A	NA1-2000XQ-800M/4P MN-FX AC220/230	454043
800A	NA1-2000XQ-800M/4P MN-FX AC220/230TP	454187
800A	NA1-2000XQ-800M/4P MN-FX AC380/400	454331
800A	NA1-2000XQ-800M/4P MN-FX AC380/400TP	454475
800A	NA1-2000XQ-800M/4P MN-FX DC110V	454619
800A	NA1-2000XQ-800M/4P MN-FX DC110VTP	454763

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
1000A	NA1-2000X-1000-3M/3 MO-WD AC220/230 TP	263656
1000A	NA1-2000X-1000H/3P MO-WD AC220/230(RF)	304819
1000A	NA1-2000X-1000H/3 MO-WD AC220/230-3P+NTP	411698
1000A	NA1-2000X-1000H/3P MO-WD RB AC220/230	102232
1000A	NA1-2000X-1000H/3P MO-WD AC220/230	102098
1000A	NA1-2000X-1000M/3P MO-WD AC220/230 TP	937080
1000A	NA1-2000X-1000M/3P MO-WD AC220/230-3P+N	215897
1000A	NA1-2000X-1000M/3P MO-WD AC380/400 TP	937081
1000A	NA1-2000X-1000M/3P MO-WD RB AC220/230	102237
1000A	NA1-2000X-1000M/3P MO-WD AC220/230	101094
1000A	NA1-2000X-1000M/3P MO-WD AC380/400	101135
1000A	NA1-2000X-1000M/3P MO-WD AC380/400	101095
1000A	NA1-2000X-1000M/3P MN-WD AC220/230 TP	937084
1000A	NA1-2000X-1000M/3P MN-WD AC220/230-3P+N	215885
1000A	NA1-2000X-1000M/3P MN-WD AC380/400 TP	937085
1000A	NA1-2000X-1000M/3P MN-WD AC220/230	885264
1000A	NA1-2000X-1000M/3P MN-WD AC380/400	101156
1000A	NA1-2000X-1000M/3P MN-WD AC415	215261
1000A	NA1-2000X-1000M/3P MN-WD DC110	102205
1000A	NA1-2000X-1000M/3 CG MO-WD AC220/230	101795
1000A	NA1-2000X-1000M/3 CG MO-WD AC380/400	101796
1000A	NA1-2000XH-1000H/3P MO-WD AC220/230 TP	338910
1000A	NA1-2000XH-1000H/3P MO-WD AC380/400 TP	338911
1000A	NA1-2000XH-1000H/3P MN-WD AC220/230 TP	338916
1000A	NA1-2000XH-1000H/3P MN-WD AC380/400 TP	338917
1000A	NA1-2000XH-1000M/3P MO-WD AC220/230 TP	937306
1000A	NA1-2000XH-1000M/3P MO-WD AC380/400 TP	937307
1000A	NA1-2000XH-1000M/3P MN-WD AC220/230 TP	937312
1000A	NA1-2000XH-1000M/3P MN-WD AC380/400 TP	937313
1000A	NA1-2000XN-1000M/3P MO-WD AC220/230 TP	937426
1000A	NA1-2000XN-1000M/3P MO-WD AC380/400 TP	937427
1000A	NA1-2000XN-1000M/3P MN-WD AC220/230 TP	937430
1000A	NA1-2000XN-1000M/3P MN-WD AC380/400 TP	937431
1000A	NA1-2000XQ-1000H/3P MO-WD AC220/230-3P+N	453997
1000A	NA1-2000XQ-1000H/3P MO-WD AC220/230-3P+NTP	454148
1000A	NA1-2000XQ-1000H/3P MO-WD AC380/400-3P+N	454292
1000A	NA1-2000XQ-1000H/3P MO-WD AC380/400-3P+NTP	454436
1000A	NA1-2000XQ-1000H/3P MO-WD AC220/230	453949
1000A	NA1-2000XQ-1000H/3P MO-WD AC220/230TP	454100
1000A	NA1-2000XQ-1000H/3P MO-WD AC380/400	454244

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
1000A	NA1-2000XQ-1000H/3P MO-WD AC380/400TP	454388
1000A	NA1-2000XQ-1000H/3P MO-WD DC110V	454532
1000A	NA1-2000XQ-1000H/3P MO-WD DC110VTP	454676
1000A	NA1-2000XQ-1000H/3P MO-WD DC110V-3P+N	454580
1000A	NA1-2000XQ-1000H/3P MO-WD DC110V-3P+NTP	454724
1000A	NA1-2000XQ-1000H/3P MN-WD AC220/230-3P+N	453999
1000A	NA1-2000XQ-1000H/3P MN-WD AC220/230-3P+NTP	454150
1000A	NA1-2000XQ-1000H/3P MN-WD AC380/400-3P+N	454294
1000A	NA1-2000XQ-1000H/3P MN-WD AC380/400-3P+NTP	454438
1000A	NA1-2000XQ-1000H/3P MN-WD AC220/230	453951
1000A	NA1-2000XQ-1000H/3P MN-WD AC220/230TP	454102
1000A	NA1-2000XQ-1000H/3P MN-WD AC380/400	454246
1000A	NA1-2000XQ-1000H/3P MN-WD AC380/400TP	454390
1000A	NA1-2000XQ-1000H/3P MN-WD DC110V	454534
1000A	NA1-2000XQ-1000H/3P MN-WD DC110VTP	454678
1000A	NA1-2000XQ-1000H/3P MN-WD DC110V-3P+N	454582
1000A	NA1-2000XQ-1000H/3P MN-WD DC110V-3P+NTP	454726
1000A	NA1-2000XQ-1000M/3P MO-WD AC220/230-3P+N	453993
1000A	NA1-2000XQ-1000M/3P MO-WD AC220/230-3P+NTP	454144
1000A	NA1-2000XQ-1000M/3P MO-WD AC380/400-3P+N	454288
1000A	NA1-2000XQ-1000M/3P MO-WD AC380/400-3P+NTP	454432
1000A	NA1-2000XQ-1000M/3P MO-WD AC220/230	453945
1000A	NA1-2000XQ-1000M/3P MO-WD AC220/230TP	454096
1000A	NA1-2000XQ-1000M/3P MO-WD AC380/400	454240
1000A	NA1-2000XQ-1000M/3P MO-WD AC380/400TP	454384
1000A	NA1-2000XQ-1000M/3P MO-WD DC110V	454528
1000A	NA1-2000XQ-1000M/3P MO-WD DC110VTP	454672
1000A	NA1-2000XQ-1000M/3P MO-WD DC110V-3P+N	454576
1000A	NA1-2000XQ-1000M/3P MO-WD DC110V-3P+NTP	454720
1000A	NA1-2000XQ-1000M/3P MN-WD AC220/230-3P+N	453995
1000A	NA1-2000XQ-1000M/3P MN-WD AC220/230-3P+NTP	454146
1000A	NA1-2000XQ-1000M/3P MN-WD AC380/400-3P+N	454290
1000A	NA1-2000XQ-1000M/3P MN-WD AC380/400-3P+NTP	454434
1000A	NA1-2000XQ-1000M/3P MN-WD AC220/230	453947
1000A	NA1-2000XQ-1000M/3P MN-WD AC220/230TP	454098
1000A	NA1-2000XQ-1000M/3P MN-WD AC380/400	454242
1000A	NA1-2000XQ-1000M/3P MN-WD AC380/400TP	454386
1000A	NA1-2000XQ-1000M/3P MN-WD DC110V	454530
1000A	NA1-2000XQ-1000M/3P MN-WD DC110VTP	454674
1000A	NA1-2000XQ-1000M/3P MN-WD DC110V-3P+N	454578

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
1000A	NA1-2000XQ-1000M/3P MN-WD DC110V-3P+NTP	454722
1250A	NA1-2000X-1250-3M/3 MO-WD AC220/230 TP	263657
1250A	NA1-2000X-1250H/3 MO-WD AC220/230-3P+NTP	416047
1250A	NA1-2000X-1250H/3P MO-WD AC220/230	101266
1250A	NA1-2000X-1250H/3P MO-WD AC220/230 TP	410282
1250A	NA1-2000X-1250M/3P MO-WD AC220/230 TP	937096
1250A	NA1-2000X-1250M/3P MO-WD AC220/230-3P+N	215898
1250A	NA1-2000X-1250M/3P MO-WD AC380/400 TP	937097
1250A	NA1-2000X-1250M/3P MO-WD RB AC220/230	102136
1250A	NA1-2000X-1250M/3P MO-WD AC110V	102010
1250A	NA1-2000X-1250M/3P MO-WD AC220/230	101096
1250A	NA1-2000X-1250M/3P MO-WD AC380/400	101097
1250A	NA1-2000X-1250M/3P MN-WD AC220/230 TP	937100
1250A	NA1-2000X-1250M/3P MN-WD AC220/230-3P+N	215886
1250A	NA1-2000X-1250M/3P MN-WD AC380/400 TP	937101
1250A	NA1-2000X-1250M/3P MN-WD AC220/230	101253
1250A	NA1-2000X-1250M/3P MN-WD AC380/400	101068
1250A	NA1-2000X-1250M/3P MN-WD DC110	102207
1250A	NA1-2000X-1250M/3 CG MO-WD AC220/230	101805
1250A	NA1-2000X-1250M/3 CG MO-WD AC380/400	101806
1250A	NA1-2000X-1250M/3 CG MN-WD AC220/230	101933
1250A	NA1-2000XH-1250H/3P MO-WD AC220/230	353733
1250A	NA1-2000XH-1250H/3P MO-WD AC220/230 TP	338930
1250A	NA1-2000XH-1250H/3P MO-WD AC380/400 TP	338931
1250A	NA1-2000XH-1250H/3P MN-WD AC220/230 TP	338936
1250A	NA1-2000XH-1250H/3P MN-WD AC380/400 TP	338937
1250A	NA1-2000XH-1250M/3P MO-WD AC220/230 TP	937326
1250A	NA1-2000XH-1250M/3P MO-WD AC380/400 TP	937327
1250A	NA1-2000XH-1250M/3P MN-WD AC220/230 TP	937332
1250A	NA1-2000XH-1250M/3P MN-WD AC380/400 TP	937333
1250A	NA1-2000XN-1250M/3P MO-WD AC220/230 TP	937443
1250A	NA1-2000XN-1250M/3P MO-WD AC380/400 TP	937444
1250A	NA1-2000XN-1250M/3P MN-WD AC220/230 TP	937448
1250A	NA1-2000XN-1250M/3P MN-WD AC380/400 TP	937449
1250A	NA1-2000XQ-1250H/3P MO-WD AC220/230-3P+N	454012
1250A	NA1-2000XQ-1250H/3P MO-WD AC220/230-3P+NTP	454156
1250A	NA1-2000XQ-1250H/3P MO-WD AC380/400-3P+N	454300
1250A	NA1-2000XQ-1250H/3P MO-WD AC380/400-3P+NTP	454444
1250A	NA1-2000XQ-1250H/3P MO-WD AC220/230	453957
1250A	NA1-2000XQ-1250H/3P MO-WD AC220/230TP	454108

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
1250A	NA1-2000XQ-1250H/3P MO-WD AC380/400	454252
1250A	NA1-2000XQ-1250H/3P MO-WD AC380/400TP	454396
1250A	NA1-2000XQ-1250H/3P MO-WD DC110V	454540
1250A	NA1-2000XQ-1250H/3P MO-WD DC110VTP	454684
1250A	NA1-2000XQ-1250H/3P MO-WD DC110V-3P+N	454588
1250A	NA1-2000XQ-1250H/3P MO-WD DC110V-3P+NTP	454732
1250A	NA1-2000XQ-1250H/3P MN-WD AC220/230-3P+N	454014
1250A	NA1-2000XQ-1250H/3P MN-WD AC220/230-3P+NTP	454158
1250A	NA1-2000XQ-1250H/3P MN-WD AC380/400-3P+N	454302
1250A	NA1-2000XQ-1250H/3P MN-WD AC380/400-3P+NTP	454446
1250A	NA1-2000XQ-1250H/3P MN-WD AC220/230	453959
1250A	NA1-2000XQ-1250H/3P MN-WD AC220/230TP	454110
1250A	NA1-2000XQ-1250H/3P MN-WD AC380/400	454254
1250A	NA1-2000XQ-1250H/3P MN-WD AC380/400TP	454398
1250A	NA1-2000XQ-1250H/3P MN-WD DC110V	454542
1250A	NA1-2000XQ-1250H/3P MN-WD DC110VTP	454686
1250A	NA1-2000XQ-1250H/3P MN-WD DC110V-3P+N	454590
1250A	NA1-2000XQ-1250H/3P MN-WD DC110V-3P+NTP	454734
1250A	NA1-2000XQ-1250M/3P MO-WD AC220/230-3P+N	454008
1250A	NA1-2000XQ-1250M/3P MO-WD AC220/230-3P+NTP	454152
1250A	NA1-2000XQ-1250M/3P MO-WD AC380/400-3P+N	454296
1250A	NA1-2000XQ-1250M/3P MO-WD AC380/400-3P+NTP	454440
1250A	NA1-2000XQ-1250M/3P MO-WD AC220/230	453953
1250A	NA1-2000XQ-1250M/3P MO-WD AC220/230TP	454104
1250A	NA1-2000XQ-1250M/3P MO-WD AC380/400	454248
1250A	NA1-2000XQ-1250M/3P MO-WD AC380/400TP	454392
1250A	NA1-2000XQ-1250M/3P MO-WD DC110V	454536
1250A	NA1-2000XQ-1250M/3P MO-WD DC110VTP	454680
1250A	NA1-2000XQ-1250M/3P MO-WD DC110V-3P+N	454584
1250A	NA1-2000XQ-1250M/3P MO-WD DC110V-3P+NTP	454728
1250A	NA1-2000XQ-1250M/3P MN-WD AC220/230-3P+N	454010
1250A	NA1-2000XQ-1250M/3P MN-WD AC220/230-3P+NTP	454154
1250A	NA1-2000XQ-1250M/3P MN-WD AC380/400-3P+N	454298
1250A	NA1-2000XQ-1250M/3P MN-WD AC380/400-3P+NTP	454442
1250A	NA1-2000XQ-1250M/3P MN-WD AC220/230	453955
1250A	NA1-2000XQ-1250M/3P MN-WD AC220/230TP	454106
1250A	NA1-2000XQ-1250M/3P MN-WD AC380/400	454250
1250A	NA1-2000XQ-1250M/3P MN-WD AC380/400TP	454394
1250A	NA1-2000XQ-1250M/3P MN-WD DC110V	454538
1250A	NA1-2000XQ-1250M/3P MN-WD DC110VTP	454682

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
1250A	NA1-2000XQ-1250M/3P MN-WD DC110V-3P+N	454586
1250A	NA1-2000XQ-1250M/3P MN-WD DC110V-3P+NTP	454730
1600A	NA1-2000X-1600-3M/3 MO-WD AC220/230 TP	263658
1600A	NA1-2000X-1600H/3 MO-WD AC220/230-3P+NTP	416048
1600A	NA1-2000X-1600H/3P MO-WD AC220/230-3P+N	448087
1600A	NA1-2000X-1600H/3P MO-WD RB AC220/230	885260
1600A	NA1-2000X-1600H/3P MO-WD DC220(R)	520734
1600A	NA1-2000X-1600H/3P MO-WD AC220/230	101153
1600A	NA1-2000X-1600H/3P MO-WD AC220/230 TP	410283
1600A	NA1-2000X-1600H/3P MO-WD AC380/400	101154
1600A	NA1-2000X-1600H/3 CG MO-WD AC220/230	102143
1600A	NA1-2000X-1600M/3P MO-WD AC220/230 TP	937112
1600A	NA1-2000X-1600M/3P MO-WD AC220/230-3P+N	215899
1600A	NA1-2000X-1600M/3P MO-WD AC380/400 TP	937113
1600A	NA1-2000X-1600M/3P MO-WD RB AC220/230	102137
1600A	NA1-2000X-1600M/3P MO-WD AC110V	102011
1600A	NA1-2000X-1600M/3P MO-WD AC220/230	101098
1600A	NA1-2000X-1600M/3P MO-WD AC380/400	101099
1600A	NA1-2000X-1600M/3P MO-WD DC220/230	331330
1600A	NA1-2000X-1600M/3P MN-WD AC220/230 TP	937116
1600A	NA1-2000X-1600M/3P MN-WD AC220/230-3P+N	215887
1600A	NA1-2000X-1600M/3P MN-WD AC380/400 TP	937117
1600A	NA1-2000X-1600M/3P MN-WD RB AC220/230	193242
1600A	NA1-2000X-1600M/3P MN-WD AC220/230	101254
1600A	NA1-2000X-1600M/3P MN-WD AC380/400	101157
1600A	NA1-2000X-1600M/3P MN-WD AC415	215262
1600A	NA1-2000X-1600M/3P MN-WD DC110V	102209
1600A	NA1-2000X-1600M/3P CG MO-WD AC415 TP	193203
1600A	NA1-2000X-1600M/3 MO-WD AC110V	102224
1600A	NA1-2000X-1600M/3 CG MO-WD AC220/230	101814
1600A	NA1-2000X-1600M/3 CG MO-WD AC380/400	101815
1600A	NA1-2000X-1600M/3 CG MN-WD AC220/230	101934
1600A	NA1-2000XH-1600H/3P MO-WD AC220/230	353729
1600A	NA1-2000XH-1600H/3P MO-WD AC220/230 TP	338951
1600A	NA1-2000XH-1600H/3P MO-WD AC380/400 TP	338952
1600A	NA1-2000XH-1600H/3P MN-WD AC220/230 TP	338954
1600A	NA1-2000XH-1600H/3P MN-WD AC380/400 TP	338959
1600A	NA1-2000XH-1600M/3P MO-WD AC220/230 TP	937346
1600A	NA1-2000XH-1600M/3P MO-WD AC380/400 TP	937347
1600A	NA1-2000XH-1600M/3P MN-WD AC220/230 TP	937352

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
1600A	NA1-2000XH-1600M/3P MN-WD AC380/400 TP	937353
1600A	NA1-2000XN-1600H/3P MO-WD AC220/230 TP	937461
1600A	NA1-2000XN-1600H/3P MN-WD AC220/230 TP	937462
1600A	NA1-2000XN-1600M/3P MO-WD AC220/230 TP	937463
1600A	NA1-2000XN-1600M/3P MO-WD AC380/400 TP	937464
1600A	NA1-2000XN-1600M/3P MN-WD AC220/230 TP	937468
1600A	NA1-2000XN-1600M/3P MN-WD AC380/400 TP	937469
1600A	NA1-2000XQ-1600H/3P MO-WD AC220/230-3P+N	454020
1600A	NA1-2000XQ-1600H/3P MO-WD AC220/230-3P+NTP	454164
1600A	NA1-2000XQ-1600H/3P MO-WD AC380/400-3P+N	454308
1600A	NA1-2000XQ-1600H/3P MO-WD AC380/400-3P+NTP	454452
1600A	NA1-2000XQ-1600H/3P MO-WD AC220/230	453965
1600A	NA1-2000XQ-1600H/3P MO-WD AC220/230TP	454116
1600A	NA1-2000XQ-1600H/3P MO-WD AC380/400	454260
1600A	NA1-2000XQ-1600H/3P MO-WD AC380/400TP	454404
1600A	NA1-2000XQ-1600H/3P MO-WD DC110V	454548
1600A	NA1-2000XQ-1600H/3P MO-WD DC110VTP	454692
1600A	NA1-2000XQ-1600H/3P MO-WD DC110V-3P+N	454596
1600A	NA1-2000XQ-1600H/3P MO-WD DC110V-3P+NTP	454740
1600A	NA1-2000XQ-1600H/3P MN-WD AC220/230-3P+N	454022
1600A	NA1-2000XQ-1600H/3P MN-WD AC220/230-3P+NTP	454166
1600A	NA1-2000XQ-1600H/3P MN-WD AC380/400-3P+N	454310
1600A	NA1-2000XQ-1600H/3P MN-WD AC380/400-3P+NTP	454454
1600A	NA1-2000XQ-1600H/3P MN-WD AC220/230	453967
1600A	NA1-2000XQ-1600H/3P MN-WD AC220/230TP	454118
1600A	NA1-2000XQ-1600H/3P MN-WD AC380/400	454262
1600A	NA1-2000XQ-1600H/3P MN-WD AC380/400TP	454406
1600A	NA1-2000XQ-1600H/3P MN-WD DC110V	454550
1600A	NA1-2000XQ-1600H/3P MN-WD DC110VTP	454694
1600A	NA1-2000XQ-1600H/3P MN-WD DC110V-3P+N	454598
1600A	NA1-2000XQ-1600H/3P MN-WD DC110V-3P+NTP	454742
1600A	NA1-2000XQ-1600M/3P MO-WD AC220/230-3P+N	454016
1600A	NA1-2000XQ-1600M/3P MO-WD AC220/230-3P+NTP	454160
1600A	NA1-2000XQ-1600M/3P MO-WD AC380/400-3P+N	454304
1600A	NA1-2000XQ-1600M/3P MO-WD AC380/400-3P+NTP	454448
1600A	NA1-2000XQ-1600M/3P MO-WD AC220/230	453961
1600A	NA1-2000XQ-1600M/3P MO-WD AC220/230TP	454112
1600A	NA1-2000XQ-1600M/3P MO-WD AC380/400	454256
1600A	NA1-2000XQ-1600M/3P MO-WD AC380/400TP	454400
1600A	NA1-2000XQ-1600M/3P MO-WD DC110V	454544

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
1600A	NA1-2000XQ-1600M/3P MO-WD DC110VTP	454688
1600A	NA1-2000XQ-1600M/3P MO-WD DC110V-3P+N	454592
1600A	NA1-2000XQ-1600M/3P MO-WD DC110V-3P+NTP	454736
1600A	NA1-2000XQ-1600M/3P MN-WD AC220/230-3P+N	454018
1600A	NA1-2000XQ-1600M/3P MN-WD AC220/230-3P+NTP	454162
1600A	NA1-2000XQ-1600M/3P MN-WD AC380/400-3P+N	454306
1600A	NA1-2000XQ-1600M/3P MN-WD AC380/400-3P+NTP	454450
1600A	NA1-2000XQ-1600M/3P MN-WD AC220/230	453963
1600A	NA1-2000XQ-1600M/3P MN-WD AC220/230TP	454114
1600A	NA1-2000XQ-1600M/3P MN-WD AC380/400	454258
1600A	NA1-2000XQ-1600M/3P MN-WD AC380/400TP	454402
1600A	NA1-2000XQ-1600M/3P MN-WD DC110V	454546
1600A	NA1-2000XQ-1600M/3P MN-WD DC110VTP	454690
1600A	NA1-2000XQ-1600M/3P MN-WD DC110V-3P+N	454594
1600A	NA1-2000XQ-1600M/3P MN-WD DC110V-3P+NTP	454738
2000A	NA1-2000X-2000-3M/3 MO-WD AC220/230 TP	263660
2000A	NA1-2000X-2000H/3P MO-WD AC220/230(RF)	304820
2000A	NA1-2000X-2000H/3P MO-WD AC220/230-3P+N	448088
2000A	NA1-2000X-2000H/3P MO-WD AC220/230	101233
2000A	NA1-2000X-2000H/3P MO-WD DC110V	101216
2000A	NA1-2000X-2000H/3 CG MO-WD AC220/230	102142
2000A	NA1-2000X-2000M/3P MO-WD AC220/230 TP	937128
2000A	NA1-2000X-2000M/3P MO-WD AC220/230-3P+N	215900
2000A	NA1-2000X-2000M/3P MO-WD AC380/400 TP	937129
2000A	NA1-2000X-2000M/3P MO-WD AC110V	102009
2000A	NA1-2000X-2000M/3P MO-WD AC220/230	101100
2000A	NA1-2000X-2000M/3P MO-WD AC220/230-3P+N	448089
2000A	NA1-2000X-2000M/3P MO-WD AC380/400	101101
2000A	NA1-2000X-2000M/3P MN-WD AC220/230 TP	937132
2000A	NA1-2000X-2000M/3P MN-WD AC220/230-3P+N	215888
2000A	NA1-2000X-2000M/3P MN-WD AC380/400 TP	937133
2000A	NA1-2000X-2000M/3P MN-WD AC220/230	101953
2000A	NA1-2000X-2000M/3P MN-WD AC380/400	101158
2000A	NA1-2000X-2000M/3 CG MO-WD AC220/230	101824
2000A	NA1-2000X-2000M/3 CG MO-WD AC380/400	101825
2000A	NA1-2000X-2000M/3 CG MN-WD AC220/230	101958
2000A	NA1-2000X-2000M/3 CG MN-WD AC220/230 TP	330249
2000A	NA1-2000XH-2000H/3P MO-WD AC220/230	353728
2000A	NA1-2000XH-2000H/3P MO-WD AC220/230 TP	338970

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
2000A	NA1-2000XH-2000H/3P MO-WD AC380/400 TP	338972
2000A	NA1-2000XH-2000H/3P MN-WD AC220/230 TP	338976
2000A	NA1-2000XH-2000H/3P MN-WD AC380/400 TP	338977
2000A	NA1-2000XH-2000M/3P MO-WD AC220/230 TP	937366
2000A	NA1-2000XH-2000M/3P MO-WD AC380/400 TP	937367
2000A	NA1-2000XH-2000M/3P MN-WD AC220/230 TP	937372
2000A	NA1-2000XH-2000M/3P MN-WD AC380/400 TP	937373
2000A	NA1-2000XN-2000M/3P MO-WD AC220/230 TP	937482
2000A	NA1-2000XN-2000M/3P MO-WD AC380/400 TP	937483
2000A	NA1-2000XN-2000M/3P MN-WD AC220/230 TP	937487
2000A	NA1-2000XN-2000M/3P MN-WD AC380/400 TP	937488
2000A	NA1-2000XQ-2000H/3P MO-WD AC220/230-3P+N	454028
2000A	NA1-2000XQ-2000H/3P MO-WD AC220/230-3P+NTP	454172
2000A	NA1-2000XQ-2000H/3P MO-WD AC380/400-3P+N	454316
2000A	NA1-2000XQ-2000H/3P MO-WD AC380/400-3P+NTP	454460
2000A	NA1-2000XQ-2000H/3P MO-WD AC220/230	453973
2000A	NA1-2000XQ-2000H/3P MO-WD AC220/230TP	454124
2000A	NA1-2000XQ-2000H/3P MO-WD AC380/400	454268
2000A	NA1-2000XQ-2000H/3P MO-WD AC380/400TP	454412
2000A	NA1-2000XQ-2000H/3P MO-WD DC110V	454556
2000A	NA1-2000XQ-2000H/3P MO-WD DC110VTP	454700
2000A	NA1-2000XQ-2000H/3P MO-WD DC110V-3P+N	454604
2000A	NA1-2000XQ-2000H/3P MO-WD DC110V-3P+NTP	454748
2000A	NA1-2000XQ-2000H/3P MN-WD AC220/230-3P+N	454030
2000A	NA1-2000XQ-2000H/3P MN-WD AC220/230-3P+NTP	454174
2000A	NA1-2000XQ-2000H/3P MN-WD AC380/400-3P+N	454318
2000A	NA1-2000XQ-2000H/3P MN-WD AC380/400-3P+NTP	454462
2000A	NA1-2000XQ-2000H/3P MN-WD AC220/230	453975
2000A	NA1-2000XQ-2000H/3P MN-WD AC220/230TP	454126
2000A	NA1-2000XQ-2000H/3P MN-WD AC380/400	454270
2000A	NA1-2000XQ-2000H/3P MN-WD AC380/400TP	454414
2000A	NA1-2000XQ-2000H/3P MN-WD DC110V	454558
2000A	NA1-2000XQ-2000H/3P MN-WD DC110VTP	454702
2000A	NA1-2000XQ-2000H/3P MN-WD DC110V-3P+N	454606
2000A	NA1-2000XQ-2000H/3P MN-WD DC110V-3P+NTP	454750
2000A	NA1-2000XQ-2000M/3P MO-WD AC220/230-3P+N	454024
2000A	NA1-2000XQ-2000M/3P MO-WD AC220/230-3P+NTP	454168
2000A	NA1-2000XQ-2000M/3P MO-WD AC380/400-3P+N	454312
2000A	NA1-2000XQ-2000M/3P MO-WD AC380/400-3P+NTP	454456
2000A	NA1-2000XQ-2000M/3P MO-WD AC220/230	453969

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
2000A	NA1-2000XQ-2000M/3P MO-WD AC220/230TP	454120
2000A	NA1-2000XQ-2000M/3P MO-WD AC380/400	454264
2000A	NA1-2000XQ-2000M/3P MO-WD AC380/400TP	454408
2000A	NA1-2000XQ-2000M/3P MO-WD DC110V	454552
2000A	NA1-2000XQ-2000M/3P MO-WD DC110VTP	454696
2000A	NA1-2000XQ-2000M/3P MO-WD DC110V-3P+N	454600
2000A	NA1-2000XQ-2000M/3P MO-WD DC110V-3P+NTP	454744
2000A	NA1-2000XQ-2000M/3P MN-WD AC220/230-3P+N	454026
2000A	NA1-2000XQ-2000M/3P MN-WD AC220/230-3P+NTP	454170
2000A	NA1-2000XQ-2000M/3P MN-WD AC380/400-3P+N	454314
2000A	NA1-2000XQ-2000M/3P MN-WD AC380/400-3P+NTP	454458
2000A	NA1-2000XQ-2000M/3P MN-WD AC220/230	453971
2000A	NA1-2000XQ-2000M/3P MN-WD AC220/230TP	454122
2000A	NA1-2000XQ-2000M/3P MN-WD AC380/400	454266
2000A	NA1-2000XQ-2000M/3P MN-WD AC380/400TP	454410
2000A	NA1-2000XQ-2000M/3P MN-WD DC110V	454554
2000A	NA1-2000XQ-2000M/3P MN-WD DC110VTP	454698
2000A	NA1-2000XQ-2000M/3P MN-WD DC110V-3P+N	454602
2000A	NA1-2000XQ-2000M/3P MN-WD DC110V-3P+NTP	454746
630A	NA1-2000X-630H/3P MO-WD AC220/230	102096
630A	NA1-2000X-630H/3P MO-WD AC220/230 TP	410280
630A	NA1-2000X-630M/3P MO-WD AC220/230-3P+N	215895
630A	NA1-2000X-630M/3P MO-WD AC220/230	101090
630A	NA1-2000X-630M/3P MO-WD AC220/230 TP	937144
630A	NA1-2000X-630M/3P MO-WD AC380/400	101091
630A	NA1-2000X-630M/3P MO-WD AC380/400 TP	937145
630A	NA1-2000X-630M/3P MN-WD AC220/230-3P+N	215883
630A	NA1-2000X-630M/3P MN-WD AC220/230	101147
630A	NA1-2000-630M/3P MN-WD AC220/230	101148
630A	NA1-2000X-630M/3P MN-WD AC220/230 TP	937148
630A	NA1-2000X-630M/3P MN-WD AC380/400	101160
630A	NA1-2000X-630M/3P MN-WD AC380/400 TP	937149
630A	NA1-2000X-630M/3P MN-WD AC415	215263
630A	NA1-2000X-630M/3P MN-WD DC110	102212
630A	NA1-2000X-630M/3P CG MO-WD AC220/230	101833
630A	NA1-2000X-630M/3P CG MO-WD AC380/400	101834
630A	NA1-2000X-800-3M/3 MO-WD AC220/230 TP	263663
630A	NA1-2000XH-630H/3P MO-WD AC220/230 TP	338990
630A	NA1-2000XH-630H/3P MO-WD AC380/400 TP	338991

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
630A	NA1-2000XH-630H/3P MN-WD AC220/230 TP	338997
630A	NA1-2000XH-630H/3P MN-WD AC380/400 TP	338998
630A	NA1-2000XH-630M/3P MO-WD AC220/230 TP	937386
630A	NA1-2000XH-630M/3P MO-WD AC380/400 TP	937387
630A	NA1-2000XH-630M/3P MN-WD AC220/230 TP	937392
630A	NA1-2000XH-630M/3P MN-WD AC380/400 TP	937393
630A	NA1-2000XN-630M/3P MO-WD AC220/230 TP	937499
630A	NA1-2000XN-630M/3P MO-WD AC380/400 TP	937500
630A	NA1-2000XN-630M/3P MN-WD AC220/230 TP	937504
630A	NA1-2000XN-630M/3P MN-WD AC380/400 TP	937505
630A	NA1-2000XQ-630H/3P MO-WD AC220/230-3P+N	453981
630A	NA1-2000XQ-630H/3P MO-WD AC220/230-3P+NTP	454132
630A	NA1-2000XQ-630H/3P MO-WD AC380/400-3P+N	454276
630A	NA1-2000XQ-630H/3P MO-WD AC380/400-3P+NTP	454420
630A	NA1-2000XQ-630H/3P MO-WD AC220/230	453933
630A	NA1-2000XQ-630H/3P MO-WD AC220/230TP	454084
630A	NA1-2000XQ-630H/3P MO-WD AC380/400	454228
630A	NA1-2000XQ-630H/3P MO-WD AC380/400TP	454372
630A	NA1-2000XQ-630H/3P MO-WD DC110V	454516
630A	NA1-2000XQ-630H/3P MO-WD DC110VTP	454660
630A	NA1-2000XQ-630H/3P MO-WD DC110V-3P+N	454564
630A	NA1-2000XQ-630H/3P MO-WD DC110V-3P+NTP	454708
630A	NA1-2000XQ-630H/3P MN-WD AC220/230-3P+N	453983
630A	NA1-2000XQ-630H/3P MN-WD AC220/230-3P+NTP	454134
630A	NA1-2000XQ-630H/3P MN-WD AC380/400-3P+N	454278
630A	NA1-2000XQ-630H/3P MN-WD AC380/400-3P+NTP	454422
630A	NA1-2000XQ-630H/3P MN-WD AC220/230	453935
630A	NA1-2000XQ-630H/3P MN-WD AC220/230TP	454086
630A	NA1-2000XQ-630H/3P MN-WD AC380/400	454230
630A	NA1-2000XQ-630H/3P MN-WD AC380/400TP	454374
630A	NA1-2000XQ-630H/3P MN-WD DC110V	454518
630A	NA1-2000XQ-630H/3P MN-WD DC110VTP	454662
630A	NA1-2000XQ-630H/3P MN-WD DC110V-3P+N	454566
630A	NA1-2000XQ-630H/3P MN-WD DC110V-3P+NTP	454710
630A	NA1-2000XQ-630M/3P MO-WD AC220/230-3P+N	453977
630A	NA1-2000XQ-630M/3P MO-WD AC220/230-3P+NTP	454128
630A	NA1-2000XQ-630M/3P MO-WD AC380/400-3P+N	454272
630A	NA1-2000XQ-630M/3P MO-WD AC380/400-3P+NTP	454416
630A	NA1-2000XQ-630M/3P MO-WD AC220/230	453929
630A	NA1-2000XQ-630M/3P MO-WD AC220/230TP	454080

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
630A	NA1-2000XQ-630M/3P MO-WD AC380/400	454224
630A	NA1-2000XQ-630M/3P MO-WD AC380/400TP	454368
630A	NA1-2000XQ-630M/3P MO-WD DC110V	454512
630A	NA1-2000XQ-630M/3P MO-WD DC110VTP	454656
630A	NA1-2000XQ-630M/3P MO-WD DC110V-3P+N	454560
630A	NA1-2000XQ-630M/3P MO-WD DC110V-3P+NTP	454704
630A	NA1-2000XQ-630M/3P MN-WD AC220/230-3P+N	453979
630A	NA1-2000XQ-630M/3P MN-WD AC220/230-3P+NTP	454130
630A	NA1-2000XQ-630M/3P MN-WD AC380/400-3P+N	454274
630A	NA1-2000XQ-630M/3P MN-WD AC380/400-3P+NTP	454418
630A	NA1-2000XQ-630M/3P MN-WD AC220/230	453931
630A	NA1-2000XQ-630M/3P MN-WD AC220/230TP	454082
630A	NA1-2000XQ-630M/3P MN-WD AC380/400	454226
630A	NA1-2000XQ-630M/3P MN-WD AC380/400TP	454370
630A	NA1-2000XQ-630M/3P MN-WD DC110V	454514
630A	NA1-2000XQ-630M/3P MN-WD DC110VTP	454658
630A	NA1-2000XQ-630M/3P MN-WD DC110V-3P+N	454562
630A	NA1-2000XQ-630M/3P MN-WD DC110V-3P+NTP	454706
800A	NA1-2000X-800H/3P MO-WD AC220/230	102097
800A	NA1-2000X-800H/3P MO-WD AC220/230 TP	410726
800A	NA1-2000X-800M/3P MO-WD AC220/230-3P+N	215896
800A	NA1-2000X-800M/3P MO-WD AC220/230	101092
800A	NA1-2000X-800M/3P MO-WD AC220/230 TP	937160
800A	NA1-2000X-800M/3P MO-WD AC380/400	101093
800A	NA1-2000X-800M/3P MO-WD AC380/400 TP	937161
800A	NA1-2000X-800M/3P MN-WD AC220/230-3P+N	215884
800A	NA1-2000X-800M/3P MN-WD AC220/230	101151
800A	NA1-2000X-800M/3P MN-WD AC220/230 TP	937164
800A	NA1-2000X-800M/3P MN-WD AC380/400	101152
800A	NA1-2000X-800M/3P MN-WD AC380/400 TP	937165
800A	NA1-2000X-800M/3P CG MO-WD AC220/230	101844
800A	NA1-2000X-800M/3P CG MO-WD AC380/400	101845
800A	NA1-2000XH-800H/3P MO-WD AC220/230 TP	339037
800A	NA1-2000XH-800H/3P MO-WD AC380/400 TP	339038
800A	NA1-2000XH-800H/3P MN-WD AC220/230 TP	339044
800A	NA1-2000XH-800H/3P MN-WD AC380/400 TP	339043
800A	NA1-2000XH-800M/3P MO-WD AC220/230 TP	937406
800A	NA1-2000XH-800M/3P MO-WD AC380/400 TP	937407
800A	NA1-2000XH-800M/3P MN-WD AC220/230 TP	937412
800A	NA1-2000XH-800M/3P MN-WD AC380/400 TP	937413

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
800A	NA1-2000XN-800M/3P MO-WD AC220/230 TP	937516
800A	NA1-2000XN-800M/3P MO-WD AC380/400 TP	937517
800A	NA1-2000XN-800M/3P MN-WD AC220/230 TP	937521
800A	NA1-2000XN-800M/3P MN-WD AC380/400 TP	937522
800A	NA1-2000XQ-800H/3P MO-WD AC220/230-3P+N	453989
800A	NA1-2000XQ-800H/3P MO-WD AC220/230-3P+NTP	454140
800A	NA1-2000XQ-800H/3P MO-WD AC380/400-3P+N	454284
800A	NA1-2000XQ-800H/3P MO-WD AC380/400-3P+NTP	454428
800A	NA1-2000XQ-800H/3P MO-WD AC220/230	453941
800A	NA1-2000XQ-800H/3P MO-WD AC220/230TP	454092
800A	NA1-2000XQ-800H/3P MO-WD AC380/400	454236
800A	NA1-2000XQ-800H/3P MO-WD AC380/400TP	454380
800A	NA1-2000XQ-800H/3P MO-WD DC110V	454524
800A	NA1-2000XQ-800H/3P MO-WD DC110VTP	454668
800A	NA1-2000XQ-800H/3P MO-WD DC110V-3P+N	454572
800A	NA1-2000XQ-800H/3P MO-WD DC110V-3P+NTP	454716
800A	NA1-2000XQ-800H/3P MN-WD AC220/230-3P+N	453991
800A	NA1-2000XQ-800H/3P MN-WD AC220/230-3P+NTP	454142
800A	NA1-2000XQ-800H/3P MN-WD AC380/400-3P+N	454286
800A	NA1-2000XQ-800H/3P MN-WD AC380/400-3P+NTP	454430
800A	NA1-2000XQ-800H/3P MN-WD AC220/230	453943
800A	NA1-2000XQ-800H/3P MN-WD AC220/230TP	454094
800A	NA1-2000XQ-800H/3P MN-WD AC380/400	454238
800A	NA1-2000XQ-800H/3P MN-WD AC380/400TP	454382
800A	NA1-2000XQ-800H/3P MN-WD DC110V	454526
800A	NA1-2000XQ-800H/3P MN-WD DC110VTP	454670
800A	NA1-2000XQ-800H/3P MN-WD DC110V-3P+N	454574
800A	NA1-2000XQ-800H/3P MN-WD DC110V-3P+NTP	454718
800A	NA1-2000XQ-800M/3P MO-WD AC220/230-3P+N	453985
800A	NA1-2000XQ-800M/3P MO-WD AC220/230-3P+NTP	454136
800A	NA1-2000XQ-800M/3P MO-WD AC380/400-3P+N	454280
800A	NA1-2000XQ-800M/3P MO-WD AC380/400-3P+NTP	454424
800A	NA1-2000XQ-800M/3P MO-WD AC220/230	453937
800A	NA1-2000XQ-800M/3P MO-WD AC220/230TP	454088
800A	NA1-2000XQ-800M/3P MO-WD AC380/400	454232
800A	NA1-2000XQ-800M/3P MO-WD AC380/400TP	454376
800A	NA1-2000XQ-800M/3P MO-WD DC110V	454520
800A	NA1-2000XQ-800M/3P MO-WD DC110VTP	454664
800A	NA1-2000XQ-800M/3P MO-WD DC110V-3P+N	454568
800A	NA1-2000XQ-800M/3P MO-WD DC110V-3P+NTP	454712

NA1-2000 Withdrawable 3P

Rated Current	Description	Code
800A	NA1-2000XQ-800M/3P MN-WD AC220/230-3P+N	453987
800A	NA1-2000XQ-800M/3P MN-WD AC220/230-3P+NTP	454138
800A	NA1-2000XQ-800M/3P MN-WD AC380/400-3P+N	454282
800A	NA1-2000XQ-800M/3P MN-WD AC380/400-3P+NTP	454426
800A	NA1-2000XQ-800M/3P MN-WD AC220/230	453939
800A	NA1-2000XQ-800M/3P MN-WD AC220/230TP	454090
800A	NA1-2000XQ-800M/3P MN-WD AC380/400	454234
800A	NA1-2000XQ-800M/3P MN-WD AC380/400TP	454378
800A	NA1-2000XQ-800M/3P MN-WD DC110V	454522
800A	NA1-2000XQ-800M/3P MN-WD DC110VTP	454666
800A	NA1-2000XQ-800M/3P MN-WD DC110V-3P+N	454570
800A	NA1-2000XQ-800M/3P MN-WD DC110V-3P+NTP	454714

NA1-2000 Withdrawable 4P

Rated Current	Description	Code
1000A	NA1-2000X-1000H/4P MO-WD AC220/230TP	421954
1000A	NA1-2000X-1000H/4P MO-WD AC220/230V	367409
1000A	NA1-2000X-1000H/4P MO-WD AC380/400	101237
1000A	NA1-2000X-1000M/4P MO-WD AC220/230 TP	937088
1000A	NA1-2000X-1000M/4P MO-WD AC380/400 TP	937089
1000A	NA1-2000X-1000M/4P MO-WD AC220/230	101284
1000A	NA1-2000X-1000M/4P MO-WD AC380/400	101239
1000A	NA1-2000X-1000M/4P MN-WD AC220/230 TP	937092
1000A	NA1-2000X-1000M/4P MN-WD AC380/400 TP	937093
1000A	NA1-2000X-1000M/4P MN-WD AC220/230	101952
1000A	NA1-2000X-1000M/4P MN-WD AC380/400	101242
1000A	NA1-2000X-1000M/4P MN-WD DC110	102206
1000A	NA1-2000X-1000M/4 CG MO-WD AC220/230	101799
1000A	NA1-2000X-1000M/4 CG MO-WD AC380/400	101800
1000A	NA1-2000XH-1000H/4P MO-WD AC220/230 TP	338918
1000A	NA1-2000XH-1000H/4P MO-WD AC380/400 TP	338922
1000A	NA1-2000XH-1000H/4P MN-WD AC220/230 TP	338926
1000A	NA1-2000XH-1000H/4P MN-WD AC380/400 TP	338927
1000A	NA1-2000XH-1000M/4P MO-WD AC220/230 TP	937316
1000A	NA1-2000XH-1000M/4P MO-WD AC380/400 TP	937317
1000A	NA1-2000XH-1000M/4P MN-WD AC220/230 TP	937322
1000A	NA1-2000XH-1000M/4P MN-WD AC380/400 TP	937323
1000A	NA1-2000XN-1000M/4P MO-WD AC220/230 TP	937434
1000A	NA1-2000XN-1000M/4P MO-WD AC380/400 TP	937435
1000A	NA1-2000XN-1000M/4P MN-WD AC220/230 TP	937439
1000A	NA1-2000XN-1000M/4P MN-WD AC380/400 TP	937440
1000A	NA1-2000XQ-1000H/4P MO-WD AC220/230	454052
1000A	NA1-2000XQ-1000H/4P MO-WD AC220/230TP	454196

NA1-2000 Withdrawable 4P

Rated Current	Description	Code
1000A	NA1-2000XQ-1000H/4P MO-WD AC380/400	454340
1000A	NA1-2000XQ-1000H/4P MO-WD AC380/400TP	454484
1000A	NA1-2000XQ-1000H/4P MO-WD DC110V	454628
1000A	NA1-2000XQ-1000H/4P MO-WD DC110VTP	454772
1000A	NA1-2000XQ-1000H/4P MN-WD AC220/230	454054
1000A	NA1-2000XQ-1000H/4P MN-WD AC220/230TP	454198
1000A	NA1-2000XQ-1000H/4P MN-WD AC380/400	454342
1000A	NA1-2000XQ-1000H/4P MN-WD AC380/400TP	454486
1000A	NA1-2000XQ-1000H/4P MN-WD DC110V	454630
1000A	NA1-2000XQ-1000H/4P MN-WD DC110VTP	454774
1000A	NA1-2000XQ-1000M/4P MO-WD AC220/230	454048
1000A	NA1-2000XQ-1000M/4P MO-WD AC220/230TP	454192
1000A	NA1-2000XQ-1000M/4P MO-WD AC380/400	454336
1000A	NA1-2000XQ-1000M/4P MO-WD AC380/400TP	454480
1000A	NA1-2000XQ-1000M/4P MO-WD DC110V	454624
1000A	NA1-2000XQ-1000M/4P MO-WD DC110VTP	454768
1000A	NA1-2000XQ-1000M/4P MN-WD AC220/230	454050
1000A	NA1-2000XQ-1000M/4P MN-WD AC220/230TP	454194
1000A	NA1-2000XQ-1000M/4P MN-WD AC380/400	454338
1000A	NA1-2000XQ-1000M/4P MN-WD AC380/400TP	454482
1000A	NA1-2000XQ-1000M/4P MN-WD DC110V	454626
1000A	NA1-2000XQ-1000M/4P MN-WD DC110VTP	454770
1250A	NA1-2000X-1250H/4P MO-WD AC110 TP	449429
1250A	NA1-2000X-1250H/4P MO-WD AC220/230	218735
1250A	NA1-2000X-1250H/4P MO-WD AC220/230 TP	342114
1250A	NA1-2000X-1250H/4P MN-WD AC220/230	101951
1250A	NA1-2000X-1250H/4P MN-WD AC220/230 TP	342113
1250A	NA1-2000X-1250H/4P CG MN-WD AC220/230	368856
1250A	NA1-2000X-1250H/4P CG MN-WD AC220/230TP	508251
1250A	NA1-2000X-1250H/4P MO-WD AC220/230 TP	293437
1250A	NA1-2000X-1250M/4P MO-WD AC220/230 TP	937104
1250A	NA1-2000X-1250M/4P MO-WD AC380/400 TP	937105
1250A	NA1-2000X-1250M/4P MO-WD AC220/230	101285
1250A	NA1-2000X-1250M/4P MO-WD AC380/400	101173
1250A	NA1-2000X-1250M/4P MN-WD AC220/230 TP	937108
1250A	NA1-2000X-1250M/4P MN-WD AC380/400 TP	937109
1250A	NA1-2000X-1250M/4P MN-WD AC220/230	101180
1250A	NA1-2000X-1250M/4P MN-WD AC220/230	937300
1250A	NA1-2000X-1250M/4P MN-WD DC110	102208
1250A	NA1-2000X-1250M/4 CG MO-WD AC220/230	101809

NA1-2000 Withdrawable 4P

Rated Current	Description	Code
1250A	NA1-2000X-1250M/4 CG MO-WD AC380/400	101810
1250A	NA1-2000X-1250M/4 CG MN-WD AC220/230	101924
1250A	NA1-2000XH-1250H/4P MO-WD AC220/230 TP	338940
1250A	NA1-2000XH-1250H/4P MO-WD AC380/400 TP	338941
1250A	NA1-2000XH-1250H/4P MN-WD AC220/230 TP	338947
1250A	NA1-2000XH-1250H/4P MN-WD AC380/400 TP	338946
1250A	NA1-2000XH-1250M/4P MO-WD AC220/230 TP	937336
1250A	NA1-2000XH-1250M/4P MO-WD AC380/400 TP	937337
1250A	NA1-2000XH-1250M/4P MN-WD AC220/230 TP	937342
1250A	NA1-2000XH-1250M/4P MN-WD AC380/400 TP	937343
1250A	NA1-2000XN-1250M/4P MO-WD AC220/230 TP	937452
1250A	NA1-2000XN-1250M/4P MO-WD AC380/400 TP	937453
1250A	NA1-2000XN-1250M/4P MN-WD AC220/230 TP	937457
1250A	NA1-2000XN-1250M/4P MN-WD AC380/400 TP	937458
1250A	NA1-2000XQ-1250H/4P MO-WD AC220/230	454060
1250A	NA1-2000XQ-1250H/4P MO-WD AC220/230TP	454204
1250A	NA1-2000XQ-1250H/4P MO-WD AC380/400	454348
1250A	NA1-2000XQ-1250H/4P MO-WD AC380/400TP	454492
1250A	NA1-2000XQ-1250H/4P MO-WD DC110V	454636
1250A	NA1-2000XQ-1250H/4P MO-WD DC110VTP	454780
1250A	NA1-2000XQ-1250H/4P MN-WD AC220/230	454062
1250A	NA1-2000XQ-1250H/4P MN-WD AC220/230TP	454206
1250A	NA1-2000XQ-1250H/4P MN-WD AC380/400	454350
1250A	NA1-2000XQ-1250H/4P MN-WD AC380/400TP	454494
1250A	NA1-2000XQ-1250H/4P MN-WD DC110V	454638
1250A	NA1-2000XQ-1250H/4P MN-WD DC110VTP	454782
1250A	NA1-2000XQ-1250M/4P MO-WD AC220/230	454056
1250A	NA1-2000XQ-1250M/4P MO-WD AC220/230TP	454200
1250A	NA1-2000XQ-1250M/4P MO-WD AC380/400	454344
1250A	NA1-2000XQ-1250M/4P MO-WD AC380/400TP	454488
1250A	NA1-2000XQ-1250M/4P MO-WD DC110V	454632
1250A	NA1-2000XQ-1250M/4P MO-WD DC110VTP	454776
1250A	NA1-2000XQ-1250M/4P MN-WD AC220/230	454058
1250A	NA1-2000XQ-1250M/4P MN-WD AC220/230TP	454202
1250A	NA1-2000XQ-1250M/4P MN-WD AC380/400	454346
1250A	NA1-2000XQ-1250M/4P MN-WD AC380/400TP	454490
1250A	NA1-2000XQ-1250M/4P MN-WD DC110V	454634
1250A	NA1-2000XQ-1250M/4P MN-WD DC110VTP	454778
1600A	NA1-2000X-1600-3M/4 MO-WD AC220/230 TP	263659
1600A	NA1-2000X-1600H/4P MO-WD AC220/230 TP	210407

NA1-2000 Withdrawable 4P

Rated Current	Description	Code
1600A	NA1-2000X-1600H/4P MO-WD AC110 TP	449430
1600A	NA1-2000X-1600H/4P MO-WD AC220/230	210406
1600A	NA1-2000X-1600H/4P MN-WD AC220/230 TP	342112
1600A	NA1-2000X-1600H/4P CG MN-WD AC220/230	368855
1600A	NA1-2000X-1600M/4P MO-WD AC220/230 TP	937120
1600A	NA1-2000X-1600M/4P MO-WD AC380/400 TP	937121
1600A	NA1-2000X-1600M/4P MO-WD AC220/230	101228
1600A	NA1-2000X-1600M/4P MO-WD AC380/400	101175
1600A	NA1-2000X-1600M/4P MN-WD AC220/230 TP	937124
1600A	NA1-2000X-1600M/4P MN-WD AC380/400 TP	937125
1600A	NA1-2000X-1600M/4P MN-WD AC220/230	937301
1600A	NA1-2000X-1600M/4P MN-WD AC380/400	101198
1600A	NA1-2000X-1600M/4P MN-WD DC110	102210
1600A	NA1-2000X-1600M/4 CG MO-WD AC220/230	101818
1600A	NA1-2000X-1600M/4 CG MO-WD AC380/400	101819
1600A	NA1-2000X-1600M/4 CG MN-WD AC220/230	101922
1600A	NA1-2000XH-1600H/4P MO-WD AC220/230 TP	338962
1600A	NA1-2000XH-1600H/4P MO-WD AC380/400 TP	338960
1600A	NA1-2000XH-1600H/4P MN-WD AC220/230 TP	338967
1600A	NA1-2000XH-1600H/4P MN-WD AC380/400 TP	338966
1600A	NA1-2000XH-1600M/4P MO-WD AC220/230 TP	937356
1600A	NA1-2000XH-1600M/4P MO-WD AC380/400 TP	937357
1600A	NA1-2000XH-1600M/4P MN-WD AC220/230 TP	937362
1600A	NA1-2000XH-1600M/4P MN-WD AC380/400 TP	937363
1600A	NA1-2000XN-1600M/4P MO-WD AC220/230 TP	937473
1600A	NA1-2000XN-1600M/4P MO-WD AC380/400 TP	937474
1600A	NA1-2000XN-1600M/4P MN-WD AC220/230 TP	937478
1600A	NA1-2000XN-1600M/4P MN-WD AC380/400 TP	937479
1600A	NA1-2000XQ-1600H/4P MO-WD AC220/230	454068
1600A	NA1-2000XQ-1600H/4P MO-WD AC220/230TP	454212
1600A	NA1-2000XQ-1600H/4P MO-WD AC380/400	454356
1600A	NA1-2000XQ-1600H/4P MO-WD AC380/400TP	454500
1600A	NA1-2000XQ-1600H/4P MO-WD DC110V	454644
1600A	NA1-2000XQ-1600H/4P MO-WD DC110VTP	454788
1600A	NA1-2000XQ-1600H/4P MN-WD AC220/230	454070
1600A	NA1-2000XQ-1600H/4P MN-WD AC220/230TP	454214
1600A	NA1-2000XQ-1600H/4P MN-WD AC380/400	454358
1600A	NA1-2000XQ-1600H/4P MN-WD AC380/400TP	454502
1600A	NA1-2000XQ-1600H/4P MN-WD DC110V	454646
1600A	NA1-2000XQ-1600H/4P MN-WD DC110VTP	454790

NA1-2000 Withdrawable 4P

Rated Current	Description	Code
1600A	NA1-2000XQ-1600M/4P MO-WD AC220/230	454064
1600A	NA1-2000XQ-1600M/4P MO-WD AC220/230TP	454208
1600A	NA1-2000XQ-1600M/4P MO-WD AC380/400	454352
1600A	NA1-2000XQ-1600M/4P MO-WD AC380/400TP	454496
1600A	NA1-2000XQ-1600M/4P MO-WD DC110V	454640
1600A	NA1-2000XQ-1600M/4P MO-WD DC110VTP	454784
1600A	NA1-2000XQ-1600M/4P MN-WD AC220/230	454066
1600A	NA1-2000XQ-1600M/4P MN-WD AC220/230TP	454210
1600A	NA1-2000XQ-1600M/4P MN-WD AC380/400	454354
1600A	NA1-2000XQ-1600M/4P MN-WD AC380/400TP	454498
1600A	NA1-2000XQ-1600M/4P MN-WD DC110V	454642
1600A	NA1-2000XQ-1600M/4P MN-WD DC110VTP	454786
2000A	NA1-2000X-2000-3M/4 MO-WD AC220/230 TP	263661
2000A	NA1-2000X-2000H/4P MO-WD AC220/230 TP	254213
2000A	NA1-2000X-2000H/4P MO-WD AC220/230	448085
2000A	NA1-2000X-2000H/4P MO-WD AC380/400	395561
2000A	NA1-2000X-2000M/4P MO-WD AC220/230 TP	937136
2000A	NA1-2000X-2000M/4P MO-WD AC380/400 TP	937137
2000A	NA1-2000X-2000M/4P MO-WD AC220/230	101220
2000A	NA1-2000X-2000M/4P MO-WD AC380/400	101074
2000A	NA1-2000X-2000M/4P MO-WD DC110V	101218
2000A	NA1-2000X-2000M/4P MN-WD AC220/230 TP	937140
2000A	NA1-2000X-2000M/4P MN-WD AC380/400 TP	937141
2000A	NA1-2000X-2000M/4P MN-WD AC220/230	101185
2000A	NA1-2000X-2000M/4P MN-WD AC380/400	101186
2000A	NA1-2000X-2000M/4P MN-WD DC110	102211
2000A	NA1-2000X-2000M/4 CG MO-WD AC220/230	101828
2000A	NA1-2000X-2000M/4 CG MO-WD AC380/400	101829
2000A	NA1-2000X-2000M/4 CG MN-WD AC220/230	101923
2000A	NA1-2000XH-2000H/4P MO-WD AC220/230 TP	338980
2000A	NA1-2000XH-2000H/4P MO-WD AC380/400 TP	338979
2000A	NA1-2000XH-2000H/4P MN-WD AC220/230 TP	338985
2000A	NA1-2000XH-2000H/4P MN-WD AC380/400 TP	338986
2000A	NA1-2000XH-2000M/4P MO-WD AC220/230 TP	937376
2000A	NA1-2000XH-2000M/4P MO-WD AC380/400 TP	937377
2000A	NA1-2000XH-2000M/4P MN-WD AC220/230 TP	937382
2000A	NA1-2000XH-2000M/4P MN-WD AC380/400 TP	937383
2000A	NA1-2000XN-2000M/4P MO-WD AC220/230 TP	937491
2000A	NA1-2000XN-2000M/4P MO-WD AC380/400 TP	937492
2000A	NA1-2000XN-2000M/4P MN-WD AC220/230 TP	937495

NA1-2000 Withdrawable 4P

Rated Current	Description	Code
2000A	NA1-2000XN-2000M/4P MN-WD AC380/400 TP	937496
2000A	NA1-2000XQ-2000H/4P MO-WD AC220/230	454076
2000A	NA1-2000XQ-2000H/4P MO-WD AC220/230TP	454220
2000A	NA1-2000XQ-2000H/4P MO-WD AC380/400	454364
2000A	NA1-2000XQ-2000H/4P MO-WD AC380/400TP	454508
2000A	NA1-2000XQ-2000H/4P MO-WD DC110V	454652
2000A	NA1-2000XQ-2000H/4P MO-WD DC110VTP	454796
2000A	NA1-2000XQ-2000H/4P MN-WD AC220/230	454078
2000A	NA1-2000XQ-2000H/4P MN-WD AC220/230TP	454222
2000A	NA1-2000XQ-2000H/4P MN-WD AC380/400	454366
2000A	NA1-2000XQ-2000H/4P MN-WD AC380/400TP	454510
2000A	NA1-2000XQ-2000H/4P MN-WD DC110V	454654
2000A	NA1-2000XQ-2000H/4P MN-WD DC110VTP	454798
2000A	NA1-2000XQ-2000M/4P MO-WD AC220/230	454072
2000A	NA1-2000XQ-2000M/4P MO-WD AC220/230TP	454216
2000A	NA1-2000XQ-2000M/4P MO-WD AC380/400	454360
2000A	NA1-2000XQ-2000M/4P MO-WD AC380/400TP	454504
2000A	NA1-2000XQ-2000M/4P MO-WD DC110V	454648
2000A	NA1-2000XQ-2000M/4P MO-WD DC110VTP	454792
2000A	NA1-2000XQ-2000M/4P MN-WD AC220/230	454074
2000A	NA1-2000XQ-2000M/4P MN-WD AC220/230TP	454218
2000A	NA1-2000XQ-2000M/4P MN-WD AC380/400	454362
2000A	NA1-2000XQ-2000M/4P MN-WD AC380/400TP	454506
2000A	NA1-2000XQ-2000M/4P MN-WD DC110V	454650
2000A	NA1-2000XQ-2000M/4P MN-WD DC110VTP	454794
630A	NA1-2000X-630-3M/4 MO-WD AC220/230 TP	263662
630A	NA1-2000X-630H/4P MO-WD AC380/400	101236
630A	NA1-2000X-630M/4P MO-WD AC220/230	101281
630A	NA1-2000X-630M/4P MO-WD AC220/230 TP	937152
630A	NA1-2000X-630M/4P MO-WD AC380/400	101238
630A	NA1-2000X-630M/4P MO-WD AC380/400 TP	937153
630A	NA1-2000X-630M/4P MN-WD AC220/230	101270
630A	NA1-2000X-630M/4P MN-WD AC220/230 TP	937156
630A	NA1-2000X-630M/4P MN-WD AC380/400 TP	937157
630A	NA1-2000X-630M/4P MN-WD DC110	102213
630A	NA1-2000X-630M/4P CG MO-WD AC220/230	101837
630A	NA1-2000X-630M/4P CG MO-WD AC380/400	101838
630A	NA1-2000XH-630H/4P MO-WD AC220/230 TP	339027
630A	NA1-2000XH-630H/4P MO-WD AC380/400 TP	338999
630A	NA1-2000XH-630H/4P MN-WD AC220/230 TP	339033

NA1-2000 Withdrawable 4P

Rated Current	Description	Code
630A	NA1-2000XH-630H/4P MN-WD AC380/400 TP	339034
630A	NA1-2000XH-630M/4P MO-WD AC220/230 TP	937396
630A	NA1-2000XH-630M/4P MO-WD AC380/400 TP	937397
630A	NA1-2000XH-630M/4P MN-WD AC220/230 TP	937402
630A	NA1-2000XH-630M/4P MN-WD AC380/400 TP	937403
630A	NA1-2000XN-630M/4P MO-WD AC220/230 TP	937508
630A	NA1-2000XN-630M/4P MO-WD AC380/400 TP	937509
630A	NA1-2000XN-630M/4P MN-WD AC220/230 TP	937512
630A	NA1-2000XN-630M/4P MN-WD AC380/400 TP	937513
630A	NA1-2000XQ-630H/4P MO-WD AC220/230	454036
630A	NA1-2000XQ-630H/4P MO-WD AC220/230TP	454180
630A	NA1-2000XQ-630H/4P MO-WD AC380/400	454324
630A	NA1-2000XQ-630H/4P MO-WD AC380/400TP	454468
630A	NA1-2000XQ-630H/4P MO-WD DC110V	454612
630A	NA1-2000XQ-630H/4P MO-WD DC110VTP	454756
630A	NA1-2000XQ-630H/4P MN-WD AC220/230	454038
630A	NA1-2000XQ-630H/4P MN-WD AC220/230TP	454182
630A	NA1-2000XQ-630H/4P MN-WD AC380/400	454326
630A	NA1-2000XQ-630H/4P MN-WD AC380/400TP	454470
630A	NA1-2000XQ-630H/4P MN-WD DC110V	454614
630A	NA1-2000XQ-630H/4P MN-WD DC110VTP	454758
630A	NA1-2000XQ-630M/4P MO-WD AC220/230	454032
630A	NA1-2000XQ-630M/4P MO-WD AC220/230TP	454176
630A	NA1-2000XQ-630M/4P MO-WD AC380/400	454320
630A	NA1-2000XQ-630M/4P MO-WD AC380/400TP	454464
630A	NA1-2000XQ-630M/4P MO-WD DC110V	454608
630A	NA1-2000XQ-630M/4P MO-WD DC110VTP	454752
630A	NA1-2000XQ-630M/4P MN-WD AC220/230	454034
630A	NA1-2000XQ-630M/4P MN-WD AC220/230TP	454178
630A	NA1-2000XQ-630M/4P MN-WD AC380/400	454322
630A	NA1-2000XQ-630M/4P MN-WD AC380/400TP	454466
630A	NA1-2000XQ-630M/4P MN-WD DC110V	454610
630A	NA1-2000XQ-630M/4P MN-WD DC110VTP	454754
800A	NA1-2000X-800H/4P MO-WD AC220/230 TP	342117
800A	NA1-2000X-800H/4P MN-WD AC220/230 TP	342118
800A	NA1-2000X-800M/4P MO-WD AC220/230	101282
800A	NA1-2000X-800M/4P MO-WD AC220/230 TP	937168
800A	NA1-2000X-800M/4P MO-WD AC380/400	101283
800A	NA1-2000X-800M/4P MO-WD AC380/400 TP	937169
800A	NA1-2000X-800M/4P MN-WD AC220/230	962255

NA1-2000 Withdrawable 4P

Rated Current	Description	Code
800A	NA1-2000X-800M/4P MN-WD AC220/230 TP	937172
800A	NA1-2000X-800M/4P MN-WD AC380/400	101241
800A	NA1-2000X-800M/4P MN-WD AC380/400 TP	937173
800A	NA1-2000X-800M/4P CG MO-WD AC220/230	101848
800A	NA1-2000X-800M/4P CG MO-WD AC380/400	101849
800A	NA1-2000X-800M/4P CG MN-WD AC220/230	101936
800A	NA1-2000XH-800H/4P MO-WD AC220/230 TP	339046
800A	NA1-2000XH-800H/4P MO-WD AC380/400 TP	339048
800A	NA1-2000XH-800H/4P MN-WD AC220/230 TP	339053
800A	NA1-2000XH-800H/4P MN-WD AC380/400 TP	339055
800A	NA1-2000XH-800M/4P MO-WD AC220/230 TP	937416
800A	NA1-2000XH-800M/4P MO-WD AC380/400 TP	937417
800A	NA1-2000XH-800M/4P MN-WD AC220/230 TP	937422
800A	NA1-2000XH-800M/4P MN-WD AC380/400 TP	937423
800A	NA1-2000XN-800M/4P MO-WD AC220/230 TP	937525
800A	NA1-2000XN-800M/4P MO-WD AC380/400 TP	937526
800A	NA1-2000XN-800M/4P MN-WD AC220/230 TP	937529
800A	NA1-2000XN-800M/4P MN-WD AC380/400 TP	937530
800A	NA1-2000XQ-800H/4P MO-WD AC220/230	454044
800A	NA1-2000XQ-800H/4P MO-WD AC220/230TP	454188
800A	NA1-2000XQ-800H/4P MO-WD AC380/400	454332
800A	NA1-2000XQ-800H/4P MO-WD AC380/400TP	454476
800A	NA1-2000XQ-800H/4P MO-WD DC110V	454620
800A	NA1-2000XQ-800H/4P MO-WD DC110VTP	454764
800A	NA1-2000XQ-800H/4P MN-WD AC220/230	454046
800A	NA1-2000XQ-800H/4P MN-WD AC220/230TP	454190
800A	NA1-2000XQ-800H/4P MN-WD AC380/400	454334
800A	NA1-2000XQ-800H/4P MN-WD AC380/400TP	454478
800A	NA1-2000XQ-800H/4P MN-WD DC110V	454622
800A	NA1-2000XQ-800H/4P MN-WD DC110VTP	454766
800A	NA1-2000XQ-800M/4P MO-WD AC220/230	454040
800A	NA1-2000XQ-800M/4P MO-WD AC220/230TP	454184
800A	NA1-2000XQ-800M/4P MO-WD AC380/400	454328
800A	NA1-2000XQ-800M/4P MO-WD AC380/400TP	454472
800A	NA1-2000XQ-800M/4P MO-WD DC110V	454616
800A	NA1-2000XQ-800M/4P MO-WD DC110VTP	454760
800A	NA1-2000XQ-800M/4P MN-WD AC220/230	454042
800A	NA1-2000XQ-800M/4P MN-WD AC220/230TP	454186
800A	NA1-2000XQ-800M/4P MN-WD AC380/400	454330
800A	NA1-2000XQ-800M/4P MN-WD AC380/400TP	454474
800A	NA1-2000XQ-800M/4P MN-WD DC110V	454618
800A	NA1-2000XQ-800M/4P MN-WD DC110VTP	454762

NA1-3200 Fixed 3P

Rated Current	Description	Code
2000A	NA1-3200X-2000H/3P MO-FX AC220/230	102068
2000A	NA1-3200X-2000H/3P MN-FX AC220/230	101852
2000A	NA1-3200X-2000M/3P MO-FX AC220/230	101126
2000A	NA1-3200X-2000M/3P MO-FX AC380/400	101149
2000A	NA1-3200X-2000M/3P MO-FX AC220/230 TP	937178
2000A	NA1-3200X-2000M/3P MO-FX AC220/230-3P+N	215901
2000A	NA1-3200X-2000M/3P MO-FX AC380/400 TP	937179
2000A	NA1-3200X-2000M/3P MN-FX AC220/230	101114
2000A	NA1-3200X-2000M/3P MN-FX AC240	193228
2000A	NA1-3200X-2000M/3P MN-FX AC380/400	101150
2000A	NA1-3200X-2000M/3P MN-FX AC415	193229
2000A	NA1-3200X-2000M/3P MN-FX AC220/230 TP	937182
2000A	NA1-3200X-2000M/3P MN-FX AC220/230-3P+N	215904
2000A	NA1-3200X-2000M/3P MN-FX AC380/400 TP	937183
2000A	NA1-3200XN-2000M/3P MO-FX AC220/230 TP	937535
2000A	NA1-3200XN-2000M/3P MO-FX AC380/400 TP	937536
2000A	NA1-3200XN-2000M/3P MN-FX AC220/230 TP	937539
2000A	NA1-3200XN-2000M/3P MN-FX AC380/400 TP	937540
2500A	NA1-3200X-2500H/3P MO-FX AC220/230	101294
2500A	NA1-3200X-2500H/3P MO-FX AC220/230 TP	309668
2500A	NA1-3200X-2500H/3P MN-FX AC220/230	101854
2500A	NA1-3200X-2500H/3P MN-FX AC220/230 TP	218651
2500A	NA1-3200X-2500M/3P MO-FX AC220/230	101047
2500A	NA1-3200X-2500M/3P MO-FX AC380/400	101997
2500A	NA1-3200X-2500M/3P MO-FX AC415	101140
2500A	NA1-3200X-2500M/3P MO-FX AC220/230 TP	937194
2500A	NA1-3200X-2500M/3P MO-FX AC220/230-3P+N	215902
2500A	NA1-3200X-2500M/3P MO-FX AC380/400 TP	937195
2500A	NA1-3200X-2500M/3P MN-FX AC220/230	101163
2500A	NA1-3200X-2500M/3P MN-FX AC240	193232
2500A	NA1-3200X-2500M/3P MN-FX AC380/400	101059
2500A	NA1-3200X-2500M/3P MN-FX AC415	193233
2500A	NA1-3200X-2500M/3P MN-FX AC220/230 TP	937198
2500A	NA1-3200X-2500M/3P MN-FX AC220/230-3P+N	215905
2500A	NA1-3200X-2500M/3P MN-FX AC380/400 TP	937199
2500A	NA1-3200X-2500M/3 CG MO-FX AC220/230	101956
2500A	NA1-3200X-2500M/3 CG MN-FX AC220/230	101949
2500A	NA1-3200XN-2500M/3P MO-FX AC220/230 TP	937553
2500A	NA1-3200XN-2500M/3P MO-FX AC380/400 TP	937554

NA1-3200 Fixed 3P

Rated Current	Description	Code
2500A	NA1-3200XN-2500M/3P MN-FX AC220/230 TP	937558
2500A	NA1-3200XN-2500M/3P MN-FX AC380/400 TP	937559
3200A	NA1-3200X-3200H/3P MO-FX AC220/230	416050
3200A	NA1-3200X-3200H/3P MO-FX AC380/400	101250
3200A	NA1-3200X-3200H/3P MN-FX AC220/230	101862
3200A	NA1-3200X-3200H/3 MO-FX AC380/400V TP	318792
3200A	NA1-3200X-3200H/3 MO-FX DC24V	101246
3200A	NA1-3200X-3200M/3P MO-FX AC220/230	101104
3200A	NA1-3200X-3200M/3P MO-FX AC380/400	101105
3200A	NA1-3200X-3200M/3P MO-FX AC220/230 TP	937210
3200A	NA1-3200X-3200M/3P MO-FX AC220/230-3P+N	215903
3200A	NA1-3200X-3200M/3P MO-FX AC380/400 TP	937211
3200A	NA1-3200X-3200M/3P MN-FX AC220/230	101166
3200A	NA1-3200X-3200M/3P MN-FX AC240	193236
3200A	NA1-3200X-3200M/3P MN-FX AC380/400	101042
3200A	NA1-3200X-3200M/3P MN-FX AC415	193237
3200A	NA1-3200X-3200M/3P MN-FX AC220/230 TP	937214
3200A	NA1-3200X-3200M/3P MN-FX AC220/230-3P+N	215906
3200A	NA1-3200X-3200M/3P MN-FX AC380/400 TP	937215
3200A	NA1-3200X-3200M/3 CG MO-FX AC220/230	101957
3200A	NA1-3200X-3200M/3 CG MN-FX AC220/230	101920
3200A	NA1-3200XN-3200M/3P MO-FX AC220/230 TP	937573
3200A	NA1-3200XN-3200M/3P MO-FX AC380/400 TP	937574
3200A	NA1-3200XN-3200M/3 MO-FX DC110 NO-UVT TP	273699
3200A	NA1-3200XN-3200M/3P MN-FX AC220/230 TP	937579
3200A	NA1-3200XN-3200M/3P MN-FX AC380/400 TP	937580

NA1-3200 Fixed 4P

Rated Current	Description	Code
2000A	NA1-3200X-2000H/4P MO-FX AC220/230	102070
2000A	NA1-3200X-2000H/4P MN-FX AC220/230	101853
2000A	NA1-3200X-2000M/4P MO-FX AC220/230	101201
2000A	NA1-3200X-2000M/4P MO-FX AC380/400	101279
2000A	NA1-3200X-2000M/4P MO-FX AC220/230 TP	937186
2000A	NA1-3200X-2000M/4P MO-FX AC380/400 TP	937187
2000A	NA1-3200X-2000M/4P MN-FX AC220/230	101122
2000A	NA1-3200X-2000M/4P MN-FX AC240	193230
2000A	NA1-3200X-2000M/4P MN-FX AC415	193231
2000A	NA1-3200X-2000M/4P MN-FX AC220/230 TP	937190
2000A	NA1-3200X-2000M/4P MN-FX AC380/400 TP	937191
2000A	NA1-3200XN-2000M/4P MO-FX AC220/230 TP	937543
2000A	NA1-3200XN-2000M/4P MO-FX AC380/400 TP	937544

NA1-3200 Fixed 4P

Rated Current	Description	Code
2000A	NA1-3200XN-2000M/4P MN-FX AC220/230 TP	937547
2000A	NA1-3200XN-2000M/4P MN-FX AC380/400 TP	937548
2500A	NA1-3200X-2500H/4P MO-FX AC380/400	101260
2500A	NA1-3200X-2500H/4P MN-FX AC220/230	101855
2500A	NA1-3200X-2500M/4P MO-FX AC220/230	101071
2500A	NA1-3200X-2500M/4P MO-FX AC380/400	101107
2500A	NA1-3200X-2500M/4P MO-FX AC220/230 TP	937202
2500A	NA1-3200X-2500M/4P MO-FX AC380/400 TP	937203
2500A	NA1-3200X-2500M/4P MN-FX AC220/230	101041
2500A	NA1-3200X-2500M/4P MN-FX AC240	193234
2500A	NA1-3200X-2500M/4P MN-FX AC380/400	101044
2500A	NA1-3200X-2500M/4P MN-FX AC415	193235
2500A	NA1-3200X-2500M/4P MN-FX AC220/230 TP	937206
2500A	NA1-3200X-2500M/4P MN-FX AC380/400 TP	937207
2500A	NA1-3200X-2500M/4 CG MO-FX AC220/230	101860
2500A	NA1-3200X-2500M/4 CG MO-FX AC380/400	101861
2500A	NA1-3200X-2500M/4 CG MN-FX AC220/230	101921
2500A	NA1-3200XN-2500M/4P MO-FX AC220/230 TP	937562
2500A	NA1-3200XN-2500M/4P MO-FX AC380/400 TP	937563
2500A	NA1-3200XN-2500M/4P MN-FX AC220/230 TP	937566
2500A	NA1-3200XN-2500M/4P MN-FX AC380/400 TP	937567
3200A	NA1-3200X-3200H/4P MO-FX AC220/230	101295
3200A	NA1-3200X-3200H/4P MN-FX AC220/230	101864
3200A	NA1-3200X-3200M/4P MO-FX AC220/230	101167
3200A	NA1-3200X-3200M/4P MO-FX AC380/400	101064
3200A	NA1-3200X-3200M/4P MO-FX AC220/230 TP	937218
3200A	NA1-3200X-3200M/4P MO-FX AC380/400 TP	937219
3200A	NA1-3200X-3200M/4P MN-FX AC220/230	101123
3200A	NA1-3200X-3200M/4P MN-FX AC240	193238
3200A	NA1-3200X-3200M/4P MN-FX AC380/400	101263
3200A	NA1-3200X-3200M/4P MN-FX AC415	193239
3200A	NA1-3200X-3200M/4P MN-FX AC220/230 TP	937222
3200A	NA1-3200X-3200M/4P MN-FX AC380/400 TP	937223
3200A	NA1-3200X-3200M/4 CG MO-FX AC220/230	101869
3200A	NA1-3200X-3200M/4 CG MO-FX AC380/400	101870
3200A	NA1-3200X-3200M/4 CG MN-FX AC220/230	101941
3200A	NA1-3200XN-3200M/4P MO-FX AC220/230 TP	937583
3200A	NA1-3200XN-3200M/4P MO-FX AC380/400 TP	937584
3200A	NA1-3200XN-3200M/4P MN-FX AC220/230 TP	937587
3200A	NA1-3200XN-3200M/4P MN-FX AC380/400 TP	937588

NA1-3200 Withdrawable 3P

Rated Current	Description	Code
2000A	NA1-3200X-2000H/3P MO-WD AC220/230-3P+N	448090
2000A	NA1-3200X-2000H/3P MO-WD AC220/230	102072
2000A	NA1-3200X-2000H/3P CG MO-WD DC110	102185
2000A	NA1-3200X-2000M/3P MO-WD AC220/230 TP	937177
2000A	NA1-3200X-2000M/3P MO-WD AC220/230-3P+N	215907
2000A	NA1-3200X-2000M/3P MO-WD AC380/400 TP	937176
2000A	NA1-3200X-2000M/3P MO-WD RB AC220/230	102238
2000A	NA1-3200X-2000M/3P MO-WD AC220/230	101252
2000A	NA1-3200X-2000M/3P MO-WD AC380/400	101251
2000A	NA1-3200X-2000M/3P MN-WD AC220/230	408883
2000A	NA1-3200X-2000M/3P MN-WD AC220/230 TP	937181
2000A	NA1-3200X-2000M/3P MN-WD AC220/230-3P+N	408884
2000A	NA1-3200X-2000M/3P MN-WD AC380/400 TP	937180
2000A	NA1-3200X-2000M/3MN-WD AC220/230-3P+N TP	215910
2000A	NA1-3200X-2000M/3 CG MO-WD AC220/230	885266
2000A	NA1-3200XN-2000M/3P MO-WD AC220/230 TP	937533
2000A	NA1-3200XN-2000M/3P MO-WD AC380/400 TP	937534
2000A	NA1-3200XN-2000M/3P MN-WD AC220/230 TP	937537
2000A	NA1-3200XN-2000M/3P MN-WD AC380/400 TP	937538
2500A	NA1-3200X-2500-3M/3 MO-WD AC220/230 TP	263664
2500A	NA1-3200X-2500-3M/4 MO-WD AC220/230 TP	263665
2500A	NA1-3200X-2500H/3P MO-WD AC220/230(RF)	304821
2500A	NA1-3200X-2500H/3 MO-WD AC220/230-3P+NTP	411699
2500A	NA1-3200X-2500H/3P MO-WD AC220/230-3P+N	448091
2500A	NA1-3200X-2500H/3P MO-WD RB AC220/230	885261
2500A	NA1-3200X-2500H/3P MO-WD AC220/230	101243
2500A	NA1-3200X-2500M/3P MO-WD AC220/230 TP	937192
2500A	NA1-3200X-2500M/3P MO-WD AC220/230-3P+N	215908
2500A	NA1-3200X-2500M/3P MO-WD AC380/400 TP	937193
2500A	NA1-3200X-2500M/3P MO-WD RB AC220/230	102135
2500A	NA1-3200X-2500M/3P MO-WD AC220/230	101333
2500A	NA1-3200X-2500M/3P MO-WD AC380/400	101334
2500A	NA1-3200X-2500M/3P MN-WD AC220/230 TP	937196
2500A	NA1-3200X-2500M/3P MN-WD AC220/230-3P+N	215911

NA1-3200 Withdrawable 3P

Rated Current	Description	Code
2500A	NA1-3200X-2500M/3P MN-WD AC380/400 TP	937197
2500A	NA1-3200X-2500M/3P MN-WD AC220/230	101255
2500A	NA1-3200X-2500M/3P MN-WD AC380/400	101145
2500A	NA1-3200X-2500M/3 CG MO-WD AC220/230	101856
2500A	NA1-3200X-2500M/3 CG MO-WD AC380/400	101857
2500A	NA1-3200X-2500M/3 CG MN-WD AC220/230	101959
2500A	NA1-3200XN-2500H/3P MO-WD AC220/230	353732
2500A	NA1-3200XN-2500M/3P MO-WD AC220/230 TP	937551
2500A	NA1-3200XN-2500M/3P MO-WD AC380/400 TP	937552
2500A	NA1-3200XN-2500M/3P MO-WD DC110V TP	403396
2500A	NA1-3200XN-2500M/3P MO-WD DC110V	403395
2500A	NA1-3200XN-2500M/3P MN-WD AC220/230 TP	937556
2500A	NA1-3200XN-2500M/3P MN-WD AC380/400 TP	937557
3200A	NA1-3200X-3200-3M/3 MO-WD AC220/230 TP	263666
3200A	NA1-3200X-3200-3M/4 MO-WD AC220/230 TP	263667
3200A	NA1-3200X-3200H/3 MO-WD AC220/230-3P+NTP	416049
3200A	NA1-3200X-3200H/3P MO-WD AC220/230	101240
3200A	NA1-3200X-3200H/3P MO-WD AC220/230 TP	410725
3200A	NA1-3200X-3200H/3P MO-WD DC110V	101215
3200A	NA1-3200X-3200H/3P MN-WD AC220/230	937611
3200A	NA1-3200X-3200M/3P MO-WD AC220/230 TP	937208
3200A	NA1-3200X-3200M/3P MO-WD AC220/230-3P+N	215909
3200A	NA1-3200X-3200M/3P MO-WD AC380/400 TP	937209
3200A	NA1-3200X-3200M/3P MO-WD RB AC220/230	102239
3200A	NA1-3200X-3200M/3P MO-WD AC220/230	101335
3200A	NA1-3200X-3200M/3P MO-WD AC380/400	101336
3200A	NA1-3200X-3200M/3P MN-WD AC220/230 TP	937212
3200A	NA1-3200X-3200M/3P MN-WD AC220/230-3P+N	215912
3200A	NA1-3200X-3200M/3P MN-WD AC380/400 TP	937213
3200A	NA1-3200X-3200M/3P MN-WD AC220/230	101256
3200A	NA1-3200X-3200M/3P MN-WD AC380/400	101061
3200A	NA1-3200X-3200M/3 CG MO-WD AC220/230	101865
3200A	NA1-3200X-3200M/3 CG MO-WD AC380/400	101866
3200A	NA1-3200X-3200M/3 CG MN-WD AC220/230	101960

NA1-3200 Withdrawable 3P

Rated Current	Description	Code
3200A	NA1-3200X-3200M/3 CG MN-WD AC220/230 TP	330248
3200A	NA1-3200XN-3200H/3P MO-WD AC220/230	353731
3200A	NA1-3200XN-3200M/3P MO-WD AC220/230 TP	937570
3200A	NA1-3200XN-3200M/3P MO-WD AC380/400 TP	937571
3200A	NA1-3200XN-3200M/3P MN-WD AC220/230 TP	937577
3200A	NA1-3200XN-3200M/3P MN-WD AC380/400 TP	937578

NA1-3200 Withdrawable 4P

Rated Current	Description	Code
2000A	NA1-3200X-2000H/4P MO-WD AC220/230	102069
2000A	NA1-3200X-2000M/4P MO-WD AC220/230 TP	937184
2000A	NA1-3200X-2000M/4P MO-WD AC380/400 TP	937185
2000A	NA1-3200X-2000M/4P MO-WD AC220/230	101286
2000A	NA1-3200X-2000M/4P MO-WD AC380/400	101287
2000A	NA1-3200X-2000M/4P MN-WD AC220/230	408885
2000A	NA1-3200X-2000M/4P MN-WD AC220/230 TP	937188
2000A	NA1-3200X-2000M/4P MN-WD AC380/400 TP	937189
2000A	NA1-3200XN-2000M/4P MO-WD AC220/230 TP	937541
2000A	NA1-3200XN-2000M/4P MO-WD AC380/400 TP	937542
2000A	NA1-3200XN-2000M/4P MN-WD AC220/230 TP	937545
2000A	NA1-3200XN-2000M/4P MN-WD AC380/400 TP	937546
2500A	NA1-3200X-2500H/4P MO-WD AC220/230	218734
2500A	NA1-3200X-2500H/4P MO-WD AC220/230 TP	293438
2500A	NA1-3200X-2500M/4P MO-WD AC220/230 TP	937200
2500A	NA1-3200X-2500M/4P MO-WD AC380/400 TP	937201
2500A	NA1-3200X-2500M/4P MO-WD AC220/230	101229
2500A	NA1-3200X-2500M/4P MO-WD AC380/400	101049
2500A	NA1-3200X-2500M/4P MN-WD AC220/230 TP	937204
2500A	NA1-3200X-2500M/4P MN-WD AC380/400 TP	937205
2500A	NA1-3200X-2500M/4P MN-WD AC220/230	101231
2500A	NA1-3200X-2500M/4P MN-WD AC380/400	101290
2500A	NA1-3200X-2500M/4P MO-WD DC110 UVT-AC220	101962
2500A	NA1-3200X-2500M/4 CG MO-WD AC220/230	101858
2500A	NA1-3200X-2500M/4 CG MO-WD AC380/400	101859
2500A	NA1-3200X-2500M/4 CG MN-WD AC220/230	101950
2500A	NA1-3200XN-2500H/4P MO-WD AC220/230 TP	937549
2500A	NA1-3200XN-2500H/4P MN-WD AC220/230 TP	937550

NA1-3200 Withdrawable 4P

Rated Current	Description	Code
2500A	NA1-3200XN-2500M/4P MO-WD AC220/230 TP	937560
2500A	NA1-3200XN-2500M/4P MO-WD AC380/400 TP	937561
2500A	NA1-3200XN-2500M/4P MO-WD DC110V TP	400366
2500A	NA1-3200XN-2500M/4P MO-WD DC110V	400365
2500A	NA1-3200XN-2500M/4P MN-WD AC220/230 TP	937564
2500A	NA1-3200XN-2500M/4P MN-WD AC380/400 TP	937565
3200A	NA1-3200X-3200H/4P MO-WD AC220/230	448086
3200A	NA1-3200X-3200H/4P MO-WD AC220/230 TP	342116
3200A	NA1-3200X-3200H/4P MO-WD DC110V	101863
3200A	NA1-3200X-3200H/4P MN-WD AC220/230 TP	342115
3200A	NA1-3200X-3200H/4P CG MN-WD AC220/230	368854
3200A	NA1-3200X-3200M/4P MO-WD AC220/230 TP	937216
3200A	NA1-3200X-3200M/4P MO-WD AC380/400 TP	937217
3200A	NA1-3200X-3200M/4P MO-WD AC220/230	101219
3200A	NA1-3200X-3200M/4P MO-WD AC380/400	101075
3200A	NA1-3200X-3200M/4P MO-WD DC110V	101217
3200A	NA1-3200X-3200M/4P MN-WD AC220/230 TP	937220
3200A	NA1-3200X-3200M/4P MN-WD AC380/400 TP	937221
3200A	NA1-3200X-3200M/4P MN-WD AC220/230	101188
3200A	NA1-3200X-3200M/4P MN-WD AC380/400	101187
3200A	NA1-3200X-3200M/4 CG MO-WD AC220/230	101867
3200A	NA1-3200X-3200M/4 CG MO-WD AC380/400	101868
3200A	NA1-3200X-3200M/4 CG MN-WD AC220/230	101947
3200A	NA1-3200XN-3200H/4P MO-WD AC220/230 TP	937568
3200A	NA1-3200XN-3200H/4P MN-WD AC220/230 TP	937569
3200A	NA1-3200XN-3200M/4P MO-WD AC220/230 TP	937581
3200A	NA1-3200XN-3200M/4P MO-WD AC380/400 TP	937582
3200A	NA1-3200XN-3200M/4P MN-WD AC220/230 TP	937585
3200A	NA1-3200XN-3200M/4P MN-WD AC380/400 TP	937586

NA1-4000 Fixed 3P

Rated Current	Description	Code
4000A	NA1-4000X-4000H/3P MO-FX AC380/400	102110
4000A	NA1-4000X-4000H/3P MN-FX AC220/230	101871
4000A	NA1-4000X-4000M/3P MO-FX AC220/230	101088
4000A	NA1-4000X-4000M/3P MO-FX AC380/400	101089
4000A	NA1-4000X-4000M/3P MO-FX AC220/230 TP	937226
4000A	NA1-4000X-4000M/3P MO-FX AC380/400 TP	937227
4000A	NA1-4000X-4000M/3P MN-FX AC220/230	101164
4000A	NA1-4000X-4000M/3P MN-FX AC240	193240
4000A	NA1-4000X-4000M/3P MN-FX AC380/400	101062
4000A	NA1-4000X-4000M/3P MN-FX AC415	193241
4000A	NA1-4000X-4000M/3P MN-FX AC220/230 TP	937230
4000A	ACB SA 40F 4000-Fixed-Manual	267509
4000A	NA1-4000X-4000M/3P MN-FX AC380/400 TP	937231

NA1-4000 Withdrawable 3P

Rated Current	Description	Code
4000A	NA1-4000X-4000H/3P MO-WD AC220/230-3P+N	448080
4000A	NA1-4000X-4000H/3P MO-WD AC220/230	102073
4000A	NA1-4000X-4000H/3P MO-WD AC220/230 TP	267652
4000A	NA1-4000X-4000M/3P MO-WD AC220/230 TP	937224
4000A	NA1-4000X-4000M/3P MO-WD AC220/230-3P+N	448092
4000A	NA1-4000X-4000M/3P MO-WD AC380/400 TP	937225
4000A	NA1-4000X-4000M/3P MO-WD AC220/230	101102
4000A	NA1-4000X-4000M/3P MO-WD AC380/400	101103
4000A	NA1-4000X-4000M/3P MN-WD AC220/230 TP	937228
4000A	NA1-4000X-4000M/3P MN-WD AC380/400 TP	937229
4000A	NA1-4000X-4000M/3P MN-WD AC220/230	101969
4000A	NA1-4000X-4000M/3P MN-WD AC380/400	101179
4000A	NA1-4000X-4000M/3MO-WD AC220/230-3P+N TP	215913

NA1-6300 Withdrawable 3P

Rated Current	Description	Code
4000A	NA1-6300X-4000-3M/3 MO-WD AC220/230 TP	263670
4000A	NA1-6300X-4000H/3P MO-WD AC220/230 TP	140659
4000A	NA1-6300X-4000H/3P MO-WD AC220/230-3P+N	448081
4000A	NA1-6300X-4000H/3P MO-WD AC220/230	448084
4000A	NA1-6300X-4000M/3P MO-WD AC220/230 TP	140657
4000A	NA1-6300X-4000M/3P MO-WD AC220/230-3P+N	448093
4000A	NA1-6300X-4000M/3P MO-WD AC380/400 TP	937236
4000A	NA1-6300X-4000M/3P MO-WD AC220/230	101930
4000A	NA1-6300X-4000M/3P MN-WD AC380/400 TP	937237
4000A	NA1-6300XN-4000M/3P MO-WD AC220/230 TP	937589
4000A	NA1-6300XN-4000M/3P MO-WD AC380/400 TP	937590
4000A	NA1-6300XN-4000M/3P MN-WD AC220/230 TP	937591
4000A	NA1-6300XN-4000M/3P MN-WD AC380/400 TP	937592
5000A	NA1-6300X-5000-3M/3 MO-WD AC220/230 TP	263668
5000A	NA1-6300X-5000H/3P MO-WD AC220/230 TP	140661
5000A	NA1-6300X-5000H/3P MO-WD AC220/230-3P+N	448082
5000A	NA1-6300X-5000H/3P MO-WD AC220/230	102175
5000A	NA1-6300X-5000M/3P MO-WD AC220/230 TP	937240
5000A	NA1-6300X-5000M/3P MO-WD AC220/230-3P+N	448094
5000A	NA1-6300X-5000M/3P MO-WD AC380/400 TP	937241
5000A	NA1-6300X-5000M/3P MO-WD AC220/230	101230
5000A	NA1-6300X-5000M/3P MO-WD AC380/400	101161
5000A	NA1-6300X-5000M/3P MN-WD AC220/230 TP	937242
5000A	NA1-6300X-5000M/3P MN-WD AC380/400 TP	937243
5000A	NA1-6300X-5000M/3P MN-WD AC220/230	267356
5000A	NA1-6300X-5000M/3P MN-WD AC380/400	101162
5000A	NA1-6300XN-5000H/3P MO-WD AC220/230	353730
5000A	NA1-6300XN-5000M/3P MO-WD AC220/230 TP	937597
5000A	NA1-6300XN-5000M/3P MO-WD AC380/400 TP	937598
5000A	NA1-6300XN-5000M/3P MN-WD AC220/230 TP	937599
5000A	NA1-6300XN-5000M/3P MN-WD AC380/400 TP	937600
6300A	NA1-6300X-6300H/3P MO-WD AC220/230 TP	372634
6300A	NA1-6300X-6300H/3P MO-WD AC220/230-3P+N	448083
6300A	NA1-6300X-6300H/3P MO-WD AC220/230	101265
6300A	NA1-6300X-6300M/3P MO-WD AC220/230 TP	937248
6300A	NA1-6300X-6300M/3P MO-WD AC220/230-3P+N	448095
6300A	NA1-6300X-6300M/3P MO-WD AC380/400 TP	937249

NA1-6300 Withdrawable 3P

Rated Current	Description	Code
6300A	NA1-6300X-6300M/3P MO-WD AC220/230	101146
6300A	NA1-6300X-6300M/3P MO-WD AC380/400	101280
6300A	NA1-6300X-6300M/3P MN-WD AC220/230 TP	937250
6300A	NA1-6300X-6300M/3P MN-WD AC380/400 TP	937251
6300A	NA1-6300X-6300M/3P MN-WD AC220/230	101874
6300A	NA1-6300XN-6300M/3P MO-WD AC220/230 TP	937605
6300A	NA1-6300XN-6300M/3P MO-WD AC380/400 TP	937606
6300A	NA1-6300XN-6300M/3P MN-WD AC220/230 TP	937607
6300A	NA1-6300XN-6300M/3P MN-WD AC380/400 TP	937608

NA1-6300 Withdrawable 4P

Rated Current	Description	Code
4000A	NA1-6300X-4000-3M/4 MO-WD AC220/230 TP	263671
4000A	NA1-6300X-4000H/4P MO-WD AC220/230 TP	140660
4000A	NA1-6300X-4000H/4P MO-WD AC220/230	102024
4000A	NA1-6300X-4000M/4P MO-WD AC220/230 TP	140658
4000A	NA1-6300X-4000M/4P MO-WD AC380/400 TP	937238
4000A	NA1-6300X-4000M/4P MO-WD AC220/230	102099
4000A	NA1-6300X-4000M/4P MO-WD AC380/400	102220
4000A	NA1-6300X-4000M/4P MN-WD AC380/400	101184
4000A	NA1-6300X-4000M/4P MN-WD AC380/400 TP	937239
4000A	NA1-6300XN-4000M/4P MO-WD AC220/230 TP	937593
4000A	NA1-6300XN-4000M/4P MO-WD AC380/400 TP	937594
4000A	NA1-6300XN-4000M/4P MN-WD AC220/230 TP	937595
4000A	NA1-6300XN-4000M/4P MN-WD AC380/400 TP	937596
5000A	NA1-6300X-5000-3M/4 MO-WD AC220/230 TP	263669
5000A	NA1-6300X-5000H/4P MO-WD DC110V	101214
5000A	NA1-6300X-5000M/4P MO-WD AC220/230 TP	937244
5000A	NA1-6300X-5000M/4P MO-WD AC380/400 TP	937245
5000A	NA1-6300X-5000M/4P MO-WD AC220/230	101289
5000A	NA1-6300X-5000M/4P MO-WD AC380/400	101067
5000A	NA1-6300X-5000M/4P MN-WD AC220/230 TP	937246
5000A	NA1-6300X-5000M/4P MN-WD AC380/400 TP	937247
5000A	NA1-6300X-5000M/4P MN-WD AC220/230	101318
5000A	NA1-6300X-5000M/4P MN-WD AC380/400	101319
5000A	NA1-6300XN-5000M/4P MO-WD AC220/230 TP	937601
5000A	NA1-6300XN-5000M/4P MO-WD AC380/400 TP	937602
5000A	NA1-6300XN-5000M/4P MN-WD AC220/230 TP	937603
5000A	NA1-6300XN-5000M/4P MN-WD AC380/400 TP	937604