CHINT T&D

Power Transmission & Distribution

NG7 Cubicle Gas Insulated Switchgear (C-GIS)

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NG7 Cubicle Gas Insulated Switchgear(C-GIS)

CCF

1. General

1.1 Ratings: system voltage 24kV, the rated current up to 630A, AC50Hz.

1.2 Application: applicable for power receiving and distribution and for control, protection and measurement of circuit.

1.3 Standard:

- IEC 62271-200: 2003
- IEC 62271-100: 2001
- IEC 62271-102: 2002
- IEC 60694: 1996

2. Type Designation

NG7 - □ (□) / T □-□

- Rated short time withstand current (kA)
- Rated current (A)
- Spring operating mechanism
- Model type
- Rated voltage (12/24kV)
- Design code
- Cubicle Gas Insulated Switchgear
- Corporate code

3. Working Condition

3.1 Ambient temperature: -40℃～+45℃(average temperature ≤35℃)

3.2 Altitude: ≤3000m

3.3 Humidity: Daily average ≤95%, daily average water vapor pressure ≤2.2KPa
Monthly average ≤90%, monthly average water vapor pressure ≤1.8KPa

3.4 The electromagnetic interference value in the second system will not exceed 1.6kV.

※ Note: Customized products are available.

4. Main Technical Parameter

Item			Unit	LBS unit	FSC unit	VCB unit
Rated voltage			kV		12/24	
Rated frequency			Hz		50/60	
Rated current of main bus bar			A		630, 1250	
Rated current			A	630	125	630, 1250
Rated insulation level	1min power frequency withstand voltage	Phase to earth, Between phases	kV		42/65	
		Between open contacts	kV		48/79	
	Lightning impulse withstand voltage	Phase to earth, Between phases	kV		75/125	
		Between open contacts	kV		85/145	
	1min Power frequency voltage of Secondary /control loop		kV		2	
Rated short circuit breaking current			kA/Times		31.5	20/30
Rated transfer current			A		1750/1400	
Rated short-time withstand current	Main loop 3s		kA	20		20/31.5
	Earthing switch 2s		kA	20		20/25
	Earthing connecting loop 2s		kA	17.4		17.4/21.7
Rated withstand current(peak)	Main loop, load switch		kA	50		50/63
	Earthing switch		kA	43.5		43.5/54.5
Rated short-circuit closing current(peak)			kA	50	80	50/63
Load switch rated active load breaking current			A	630		
Rated load switch loop breaking current			A	630		
5% rated active load switch load breaking current			A	31.5		
Load switch rated cable charging breaking current			A	10/25		
Load switch rated active load breaking frequency			Times	100/200		
Cable and circuit charging breaking frequency when earth fault			A/Times	20/10 (12kV),31.5/10(24kV)		
Earth fault current breaking			A/Times	5/10(12kV),10/10(24kV)		
Rated single back to back capacitor unit breaking current			A			400
Rated capacitor unit closing inrush current			kA			20(50Hz)
Rated SF6 gas pressure (20℃)	Design and rated charged level		Mpa	0.04		
	Lowest function level		Mpa	0.02		
	Release of pressure		Mpa	0.14		
Mechanical life	Load switch/ Earthing switch		Times	5000/2000	5000/2000	
	Circuit breaker/Disconnect		Times			10000/20000
Protect degree	Enclose case			IP67		
	Shell of switchgear			IP4X		
SF6 gas leakage rate				≤1‰		

5. Technical Specification

Manual operation (Local) and electric operation (Remote) are both available.

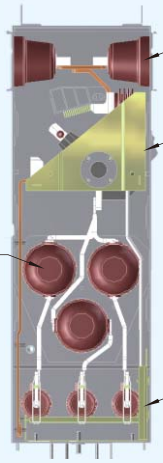
Silicone rubber coupling is used in the installation to simplify the site work.

Note:

- Modular design and flexible expansion
- Sealed system without environmental impact
- Compact structure
- High safety
- Environment protection

6. Structure

6.1 The Interior Structure of Sealing Cubicle



Busbar insulator
- It can be flexibly expanded by using bus connector

Load switch
- It is used in opening, closing and earthing phenomenon.

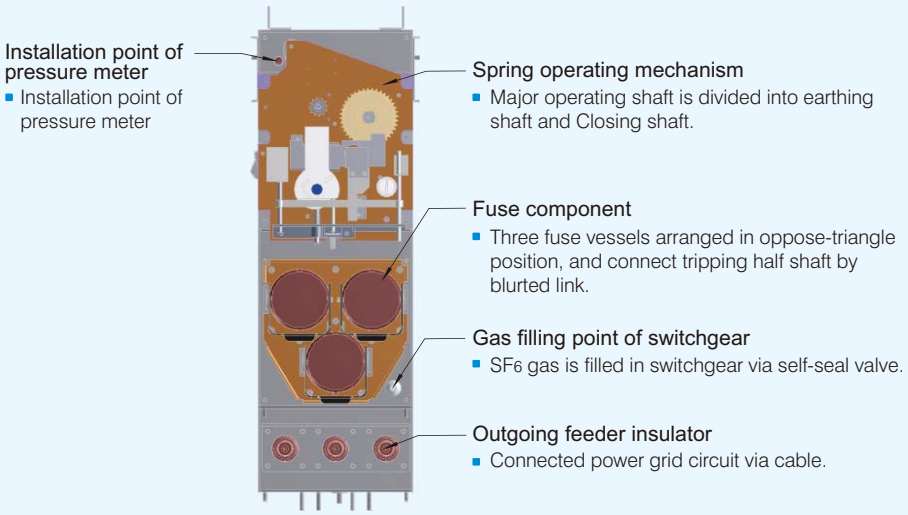
Fuse
- In order to secure the wire while the current passing, the switch-fuse will be turned off via interlocking process to trip closing.

Earthing switch
- It is used for double connection and to ensure security.

The interior structure of sealing cubicle

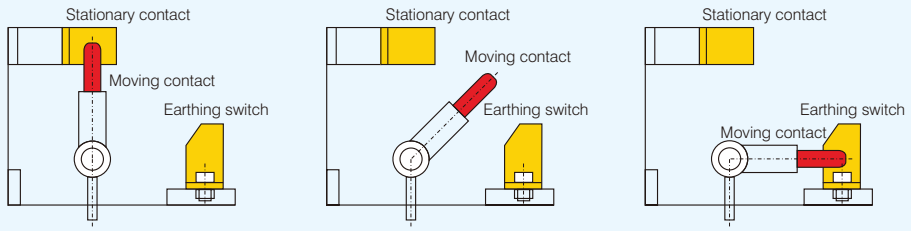
Fuse component

6.2 Front of Sealing Cabinet



Front of sealing cabinet

6.3 Load switch/Earthing switch

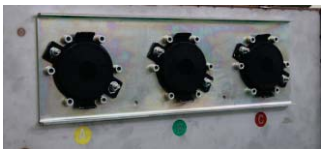


Closing situation　　Opening situation　　Earthing situation

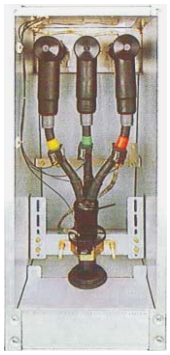
6.4 Spare Parts

Pressure indicator

Operating grip



Busbar connector Cable connection



With the cables

7. Connection Mode

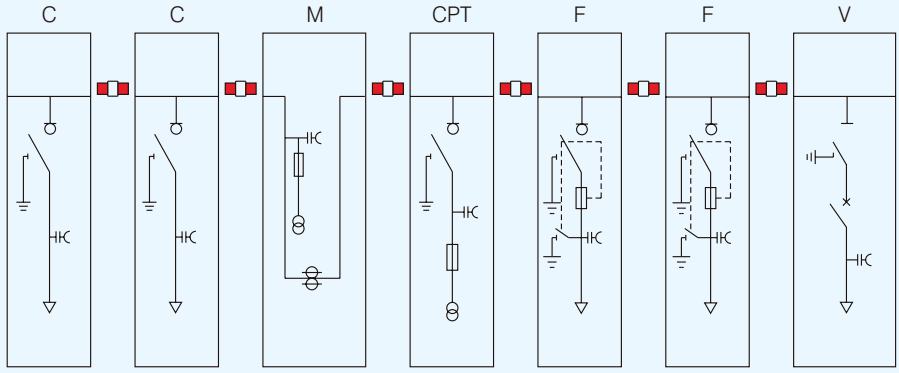
7.1 Between switchgears

There are some connection modes to enhance the sensitivity of design schemes as below:

- Extensible mode
- Inextensible mode
- Standard bushing mode

7.2 With the cables

Connection example



8. Protection Function

Transformer protection

Fuse protection in F units:

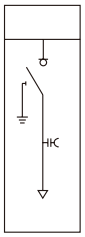
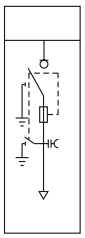
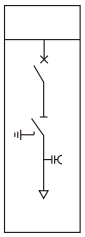
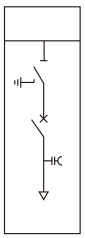
In the Load switch-fuse combination units, if the fuse blow out, the load switch will trip-free and cut off the connection to transformer.

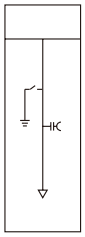
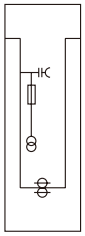
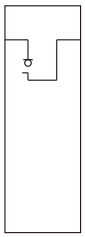
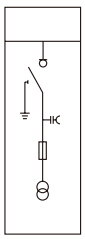
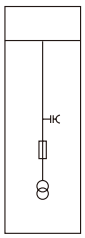
In the form below, it shows the choice of the over current to the corresponding capability of the transformer in F unit.

Relay protection devices can be used in over current and earthing fault.

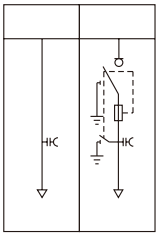
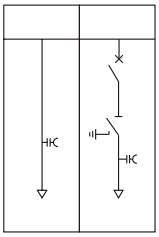
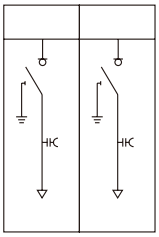
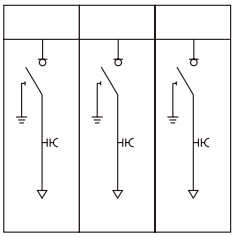
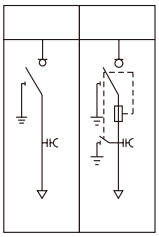
Transformer Capacity (kVA)	Fuse Rated current A (10kV)	Fuse Rated current A (24kV)	Transformer Capacity (kVA)	Fuse Rated current A (10kV)	Fuse Rated current A (24kV)
50	10	6.3	315	31.5	16
75	10	6.3	400	40	20
100	16	10	500	50	25
128	16	10	630	63	31.5
160	16	10	800	80	40
200	20	10	1000	100	50
250	25	16	1250	125	63

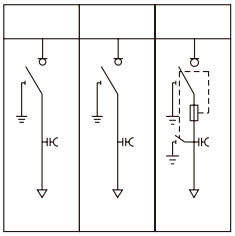
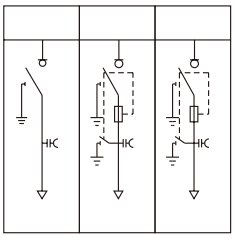
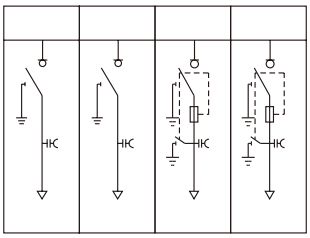
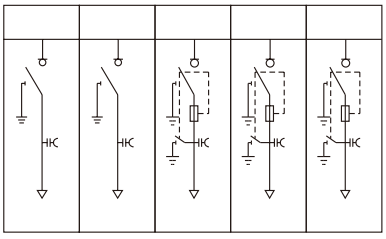
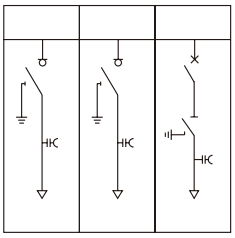
9. Single Functional Unit Schemes

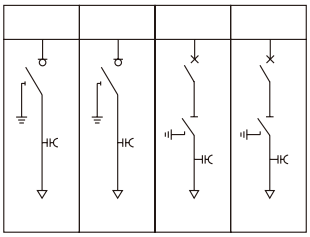
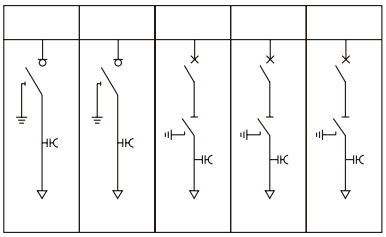
Scheme	Type	Function	Standard Configuration	Choice	
	C unit LBS	Using three point load switch , connect and break the connection of lay in and lay out cables and the bus bar, can make 3 phases of the cable earthing at the same time, and have the ability to control the lay in and lay outl.	☐ Three position load switch ☐ Electrical indicator ☐ Manometer of SF6 ☐ Load switch spring operating mechanism ☐ Interlock ☐ 630A busbar, earthing busbar ☐ Operating handle	☐ Load switch electrical mechanism ☐ Open and close button(electrical) ☐ Short current and earthing fault indicator ☐ Surge Arrester or double cables ☐ Secondary cabinet ☐ Lengthen or having bussing is non-must ☐ Terminal enclose terminal(for the terminal box) ☐ CT or VT	☐ Key lock ☐ Load switch auxiliary contacts ☐ Earthing switch auxiliary contacts
W×D×H/h (Cables installation height)				350×840×1450(1800)/500(850)	
	F unit FSC	Having a same load switch with the lay in and lay out panel , and combine with the fuse breaker to a unit, can be installed with over current protect device. Applying for the control and protection of the transformer.	☐ Three position load switch ☐ Electrical indicator ☐ Manometer of SF6 ☐ Load switch spring actuating mechanism ☐ Fail safe interlock ☐ 630Abusbar,earthing busbar ☐ Operating handle ☐ Cut out indicate of fuse breaker ☐ Fuse breaker connected with earthing switch	☐ Load switch electrical machanism ☐ Open and close button(electrical) ☐ Short curient and earthing failure indicator ☐ Surge Arrester or two way cables ☐ Secondary chamber ☐ Lengthen or having bussing is non-must ☐ Terminal enclose terminal(for the terminal box) ☐ CT or PT ☐ Key lock	☐ Load switch auxiliary contacts ☐ Earthing switch auxiliary contacts ☐ Fall off windings ☐ Relays Protection
W×D×H/h (Cables installation height)				350×840×1450(1800)/500(850)	
	V1 unit VCB	Having a VCB which installed in series with a 3 point disconnector , the circuit breaker is beside the busbar while the disconnector is beside the lay in and lay out cables, and can install relay protection device.	☐ VCB ☐ Triple position disconnector, earthing switch ☐ Manometer of SF6 ☐ Circuit breaker, disconnector, mechanical interlock and location indicator ☐ Electrify indicator ☐ 630A bus bar, Earthing bus. ☐ Disconnector operating handle ☐ VCB charging handle	☐ Circuit breaker button ☐ Short curient and earthing failure indicator ☐ Surge Arrester or two way cables ☐ Secondary chamber ☐ Lengthen or having bussing is non-must ☐ Terminal enclose (for the terminal box) ☐ Current transformer ☐ Key lock ☐ Circuit condition contactor	☐ Disconnector on-off & Earthing switch auxiliary contacts ☐ Relays Protection
W×D×H/h (Cables installation height)				420×840×1450(1800)/500(850)	
	V2 unit VCB	Having a VCB in-line with a triple way disconnector, VCB is beside the in & out cables, the disconnector is beside the bus where the relay protection can be installed.	☐ VCB ☐ Triple position disconnector, earthing switch ☐ Manometer of SF6 ☐ Circuit breaker, disconnector, mechanical interlock and location indicator ☐ Electrify indicator ☐ 630A bus bar, Earthing bus ☐ Disconnector handle ☐ VCB charging handle	☐ Circuit breaker breaking button ☐ Short circuit & earthing fault indicator ☐ Surge Arrester or two way cables ☐ Secondary chamber ☐ Lengthen or having bussing is non-must ☐ Terminal enclose ☐ Current transformer ☐ Key lock ☐ Circuit breaker condition contant	☐ Disconnector on-off & Earthing switch auxiliary contacts ☐ Relay protection
W×D×H/h (Cables installation height)				420×840×1450(1800)/500(850)	
	D unit Cable incoming without switch	Inlet cables connected directly to the bus, with non-corrosive steel protect shell. Applied in connection of lay in and out cables.	☐ 630A bus ☐ Electrify indicator	☐ Surge Arrester or two way cables ☐ Secondary chamber ☐ Lengthen or having bussing is non-must ☐ Terminal enclose	
W×D×H/h (Cables installation height)				350×840×1450(1800)/500(850)	

Scheme	Type	Function	Standard Configuration	Choice
	De unit Cables earthing	Earthing lay in and out cables connected to bus directly.	☐ Double positions earthing switch ☐ Manometer of SF6 ☐ Spring operation machaim of earthing switch ☐ 630A bus ☐ Operate handle	☐ Electric mechanism of earthing switch ☐ Breaking and closing button ☐ Secondary chamber ☐ Key lock ☐ Earthing switch auxiliary contacts
W×D×H			350×840×1450(1800)	
	M unit Measuring	Current transformer and voltage transformer are installed to make it easy for the electrical department to examine. Can be combined with any other panel for measuring. (Gas insulation)	☐ Current transformer ☐ Voltage transformer ☐ PT fuse box	☐ Voltage meter, current meter ☐ Active energy meter, reactive energy meter ☐ Surge arrestor
W×D×H			480×890×1450(1800) (12kV)	700×1100×1800 (24kV)
	I unit Bus section	With a double position loading switch it can connect or break main bus on-load. Normally using in contact with bus.	☐ Double position load switch ☐ Manometer of SF6 ☐ Load switch with spring mechanism ☐ 630A bus ☐ Operation handle	☐ Load switch electrical mechanism ☐ Break and open button ☐ Secondary chamber ☐ Key lock ☐ Load switch auxiliary contants
W×D×H			420×840×1450(1800)	
	CPT unit with switch and transformer	Having a triple position load switch to close or open the voltage transformer and earthing. Apply for detection of the system voltage and provide the control voltage.	☐ 630A bus ☐ Load switch ☐ Load switch with spring mechanism ☐ Manometer of SF6 ☐ Voltage transformer ☐ Exposure cables ☐ Operation handle	☐ Load switch electrical mechanism ☐ Breaking and closing button ☐ Secondary chamber ☐ Lengthen or having bussing is non-must ☐ Terminal enclose ☐ Load switch auxiliary contants ☐ Key lock ☐ Surge Arrester
W×D×H			500×890×1450(1800) (12kV)	700×1100×1800 (24kV)
	APT unit without switch transformer	With a voltage transformer and connected directly to bus. Apply for monitor system voltage and provide operate power. (gas insulation)	☐ 630A bus ☐ Voltage transformer ☐ Expose cables	☐ Secondary chamber ☐ Lengthen or having bussing is non-must ☐ Terminal enclose ☐ Surge arrestor
W×D×H			500×890×1450(1800) (12kV)	700×1100×1800 (24kV)

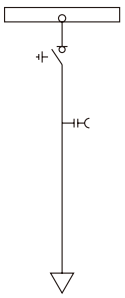
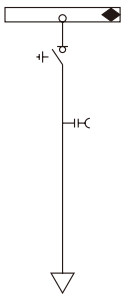
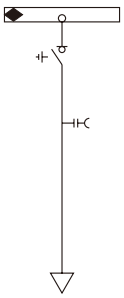
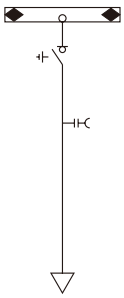
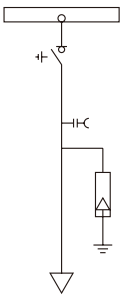
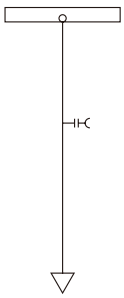
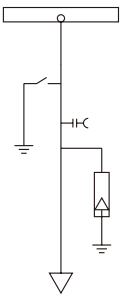
10. Multi-Functional Unit Schemes

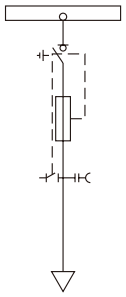
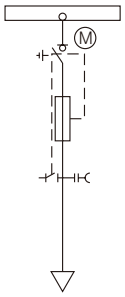
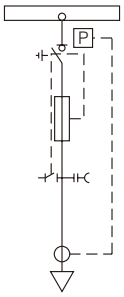
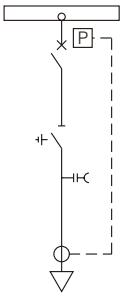
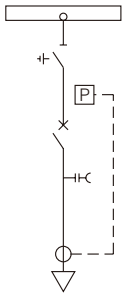
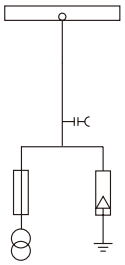
Scheme	Type	Function, Standard configuration, Optional configuration, Accessories
	DF	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		700×840×1450(1800)/500(850)
	DV	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		770×840×1450(1800)/500(850)
	CC	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		700×840×1450(1800)/500(850)
	CCC	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		1050×840×1450(1800)/500(850)
	CF	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		700×840×1450(1800)/500(850)

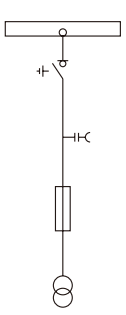
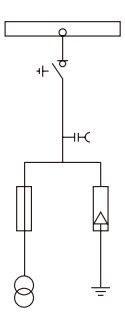
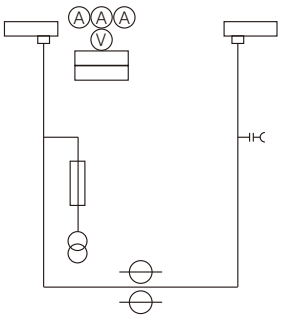
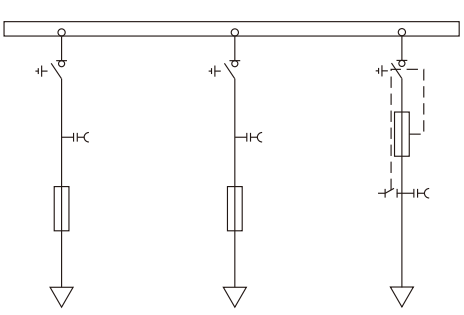
Scheme	Type	Function, Standard configuration, Optional configuration, Accessories
	CCF	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		1050×840×1450(1800)/500(850)
	CFF	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		1050×840×1450(1800)/500(850)
	CCFF	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		1400×840×1450(1800)/500(850)
	CCFFF	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		1750×840×1450(1800)/500(850)
	CCV	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		1120×840×1450(1800)/500(850)

Scheme	Type	Function, Standard configuration, Optional configuration, Accessories
	CCVV	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		1540×840×1450(1800)/500(850)
	CCVVV	Functional units, Standard configuration. Optional configuration and accessories are as same as relative single frame.
W×D×H/h (the installation height of cable)		1960×840×1450(1800)/500(850)

11. Single Line Diagram

	01	02	03	04	05	06	07
Single Line Diagram							
Type	C	C	C	C	C	D	De
Expansion mode	Left: Y Right: Y	Left: Y Right: Bushing	Left: Y Right: Bushing	Left: Y Right: Y	Same as 01～04	Same as 01～04	Same as 01～04
Dimension (W×H×D)	350×1450×840 350×1800×840	350×1450×840 350×1800×840	350×1450×840 350×1800×840	350×1450×840 350×1800×840	350×1450×840 350×1800×840	350×1450×840 350×1800×840	350×1450×840 350×1800×840
Load switch	1	1	1	1	1		
CT	Optional	Optional	Optional	Optional	Optional	Optional	
PT							
HV fuse cutout							
VPIS	Contains	Contains	Contains	Contains	Contains	Contains	Contains
Surge arrester					Contains	Optional	Contains
Remark							Air insulation

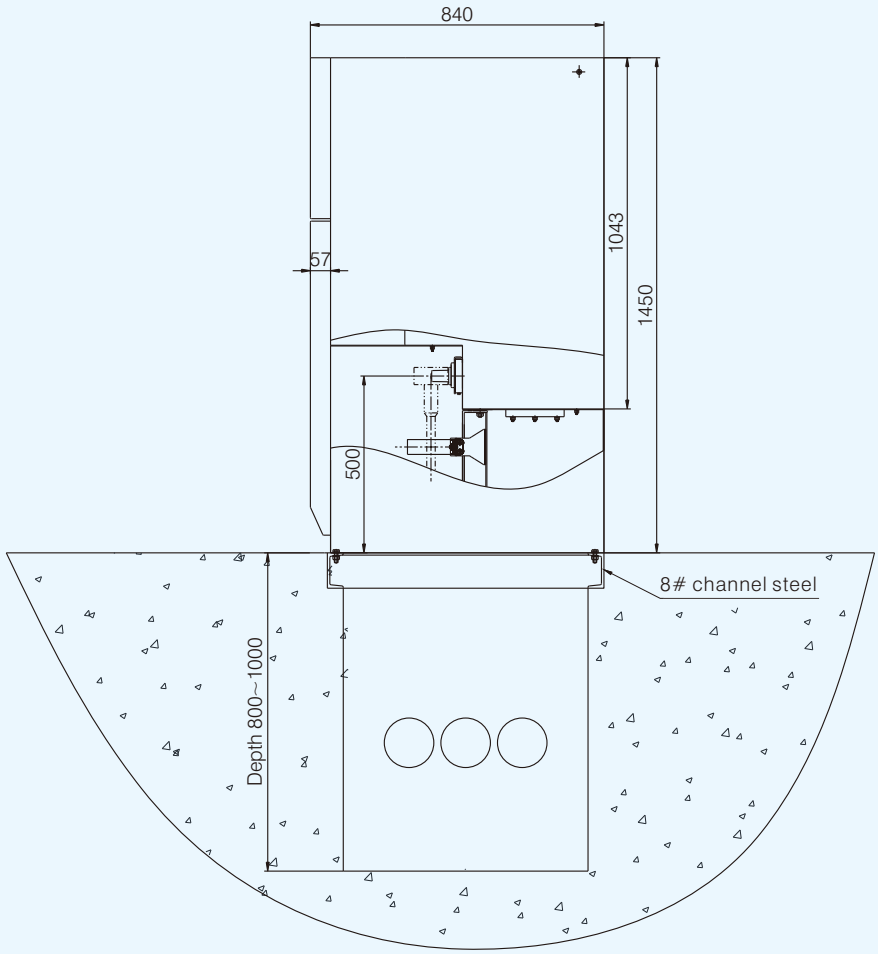
	08	09	10	11	12	13	14
Single Line Diagram							
Type	F	F	F	I	V1	V2	APT
Expansion mode	Same as 01~04	Same as 01~04	Same as 01~04	Left: Y Right: Y	Same as 01~04	Same as 01~04	Same as 01~04
Dimension (W×H×D)	350×1450×840 350×1800×840	350×1450×840 350×1800×840	350×1450×840 350×1800×840	420×1450×840 420×1750×840	420×1450×840 420×1800×840	420×1450×840 420×1800×840	500×1450×890(12kV) 700×1800×1100(24kV)
Load switch	1	1	1	2nd station load switch | 1	3rd station load switch | 1	3rd station load switch | 1	
CT		3	included in protection relay | 3			included in protection relay | 3	
PT							2
HV fuse cutout	3	3	3				XRNP1 | 3
VPIS	Contains	Contains	Contains		Contains	Contains	Contains
Surge arrestor	Optional	Optional	Optional		Optional	Optional	Contains
Remark			Relay protection		Relay protection	Relay protection	Air insulation

	15	16	17	18
Single Line Diagram				
Type	CPT	CPT	M	CCF
Expansion mode	Same as 01~04	Same as 01~04	Left: Y Right: Y	Same as 01~04
Dimension (W×H×D)	500×1450×890 500×1800×890(12kV) 700×1800×1100(24kV)	500×1450×890 500×1800×890(12kV) 700×1800×1100(24kV)	500×1450×890 700×1800×1100	1050×1450×840 1050×1800×840
Load switch	1	1		3
CT			2	Optional
PT	2	2	2	
HV fuse cutout	XRNP1 | 3	XRNP1 | 3	XRNP1 | 3	3
VPIS	Contains	Contains	Contains	Contains
Surge arrestor		Contains	Optional	Optional
Remark	Air insulation			

12. Foundation Drawing of Installation

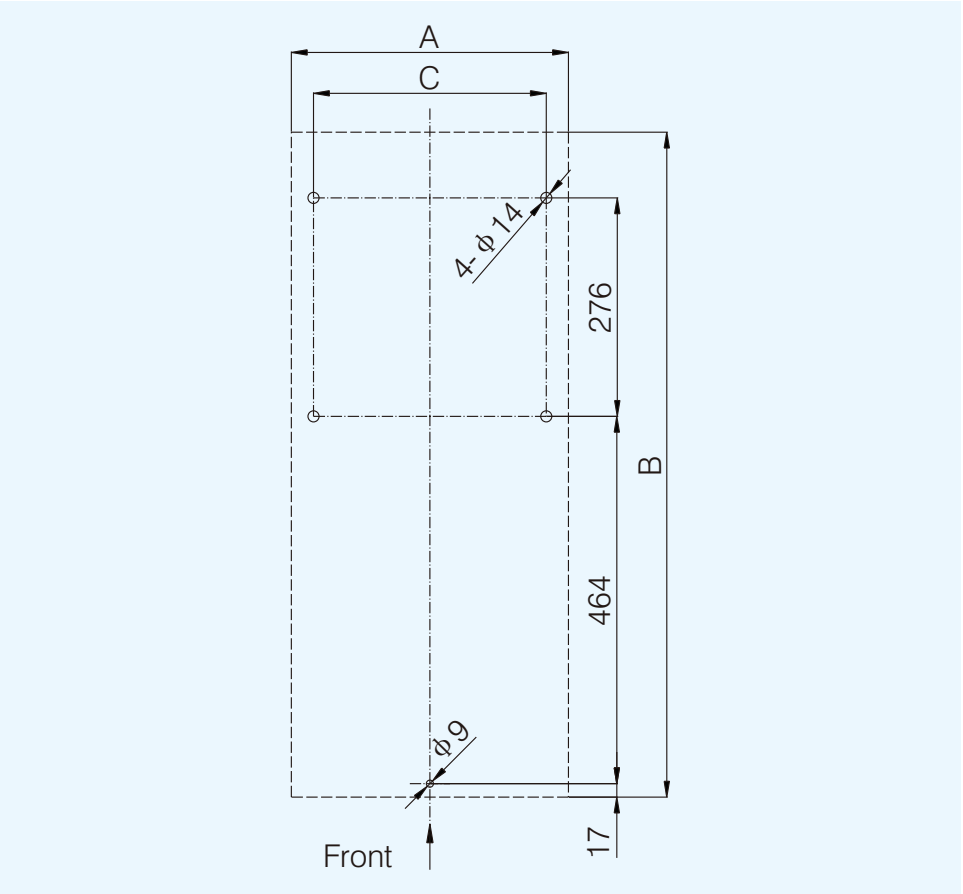
12.1 The demission diagram of the basic installation is just like the following picture.

12.2 In order to guarantee the quality of the installation of basic components, the horizontal ratio of frame installation should meet the standard that the tolerance per meter square is less than 3mm.

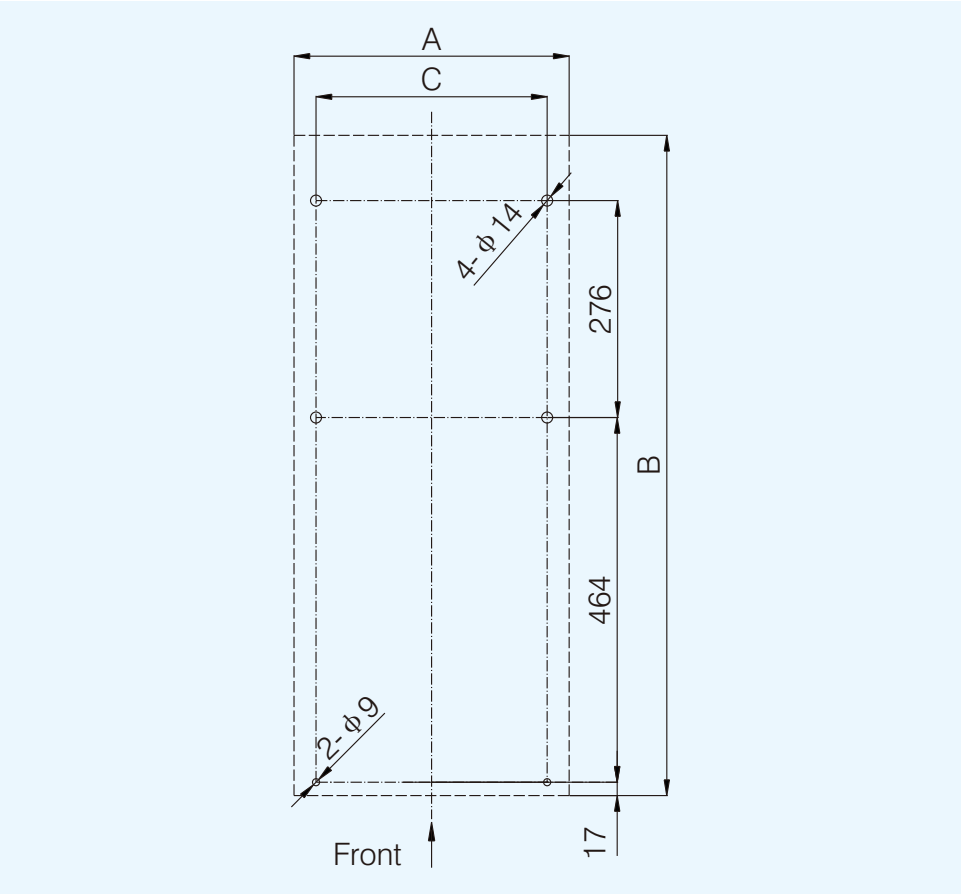


Dimension drawing of basic installation

Unit Module

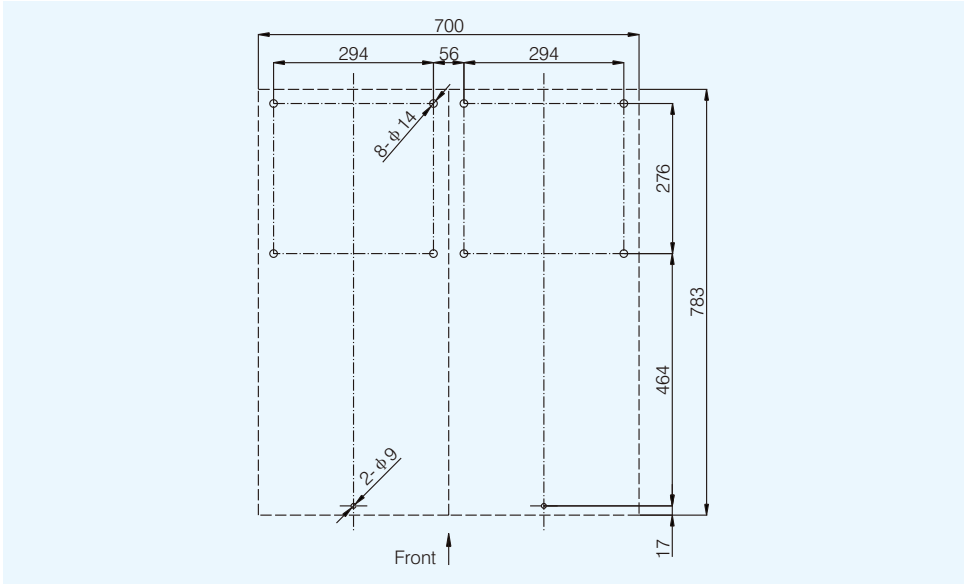


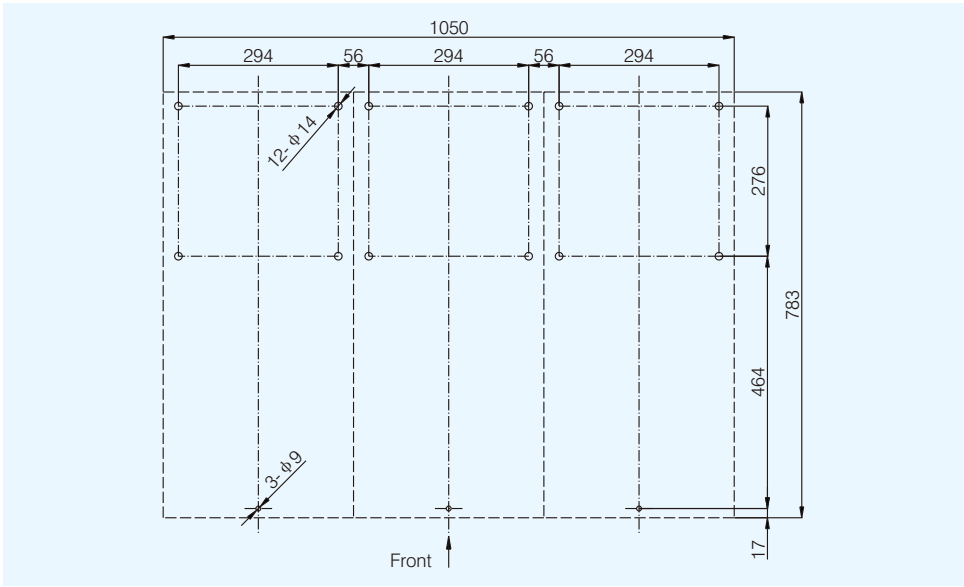
Type / Voltage level (kV) / Dimension		C	F	V1	I	CPT	
		12/24	12/24	12/24	12/24	12	24
A	350	●	●				
	420			●	●		
	500					●	
	700						●
B	840	●	●	●	●		
	890					●	
	1100						●
C	294	●	●				
	364			●	●		
	444					●	
	644						●

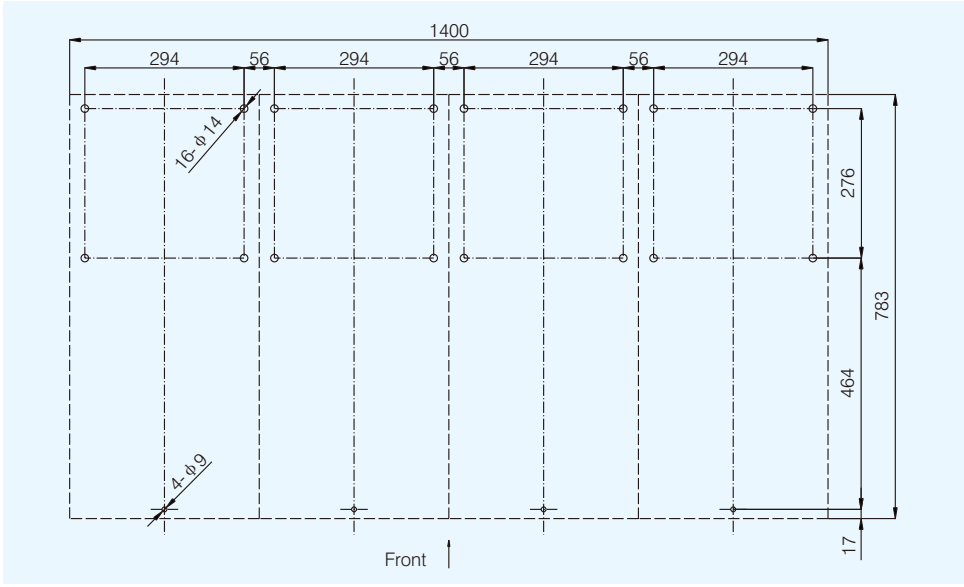


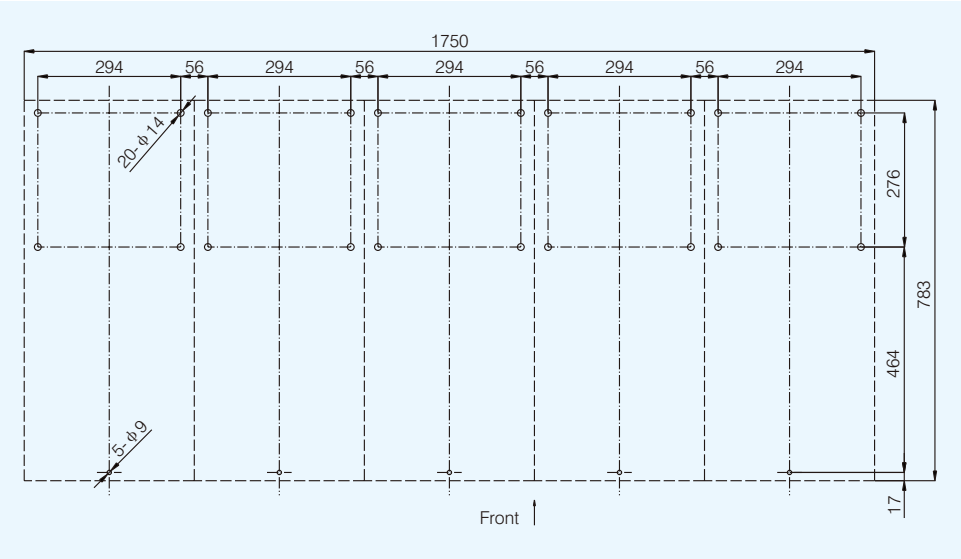
Dimension \ Voltage level (kV) \ Type		D	M		De	APT	
		12/24	12	24	12/24	12	24
A	350	●					
	420				●		
	480		●				
	500					●	
	700			●			●
B	840	●					
	890		●		●	●	
	1100			●			●
C	294	●					
	364				●		
	424		●				
	444					●	
	644			●			●

Common Box Module









13. Ordering Information

13.1 The technical specification and scheme should be confirmed by two parties before the signature of contract.

13.2 The single line diagram, include the type、specification and quantity of the components in switchgear; Appoint the relay protection mode.

13.3 The schematic diagram，include rated operating current, signal and protection circuit and the type of electrical components.

13.4 The arrangement drawing or layout of switchgear.

13.5 The list of spare parts.

13.6 The colour of the panel.

13.7 The characteristics of operation device, including operating voltage.

13.8 Foundation drawing supplied by manufacturer.

13.9 Common tools and materials for installation and examination and repair should be prepared by customers.

13.10 The specification and type of cable and cable terminal should be supplied and purchased by customers.

13.11 Any special requirements,please contact us.

Available Product Range from CHINT T&D:

≥500kV


500kV Power Transformer


500kV Rod Composite Insulator


468kV Porcelain Metal Oxide Surge Arrester used for Substation


750kV Power Transformer

252kV


GW7-252 HV Switch Disconnector


GW22-252kV Switch Disconnector


GW23-252kV Switch Disconnector


252kV GIS


LW43-252 Circuit Breaker


220kV Power Transformer


220kV SF₆ tank metal oxide surge arrester (without gap)(GIS)


220kV Rod Composite Insulator


220kV Outdoor SF₆ HV Current Transformer

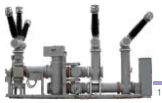

220kV Outdoor Oil-Immersed HV Current Transformer

110kV


LW36-126 Outdoor SF₆ Circuit Breaker


GW4-126 AC HV Switch Disconnector


126kV Mini GIS


126kV Mini GIS


ZF21-126kV GIS


110kV SF₆ tank metal oxide surge arrester (without gap) (GIS)


110kV Power Transformer

40.5kV


KYN61-40.5(Z) Metalclad Enclosed Withdrawable Switchgear


ZN85 Indoor Solid Sealed Polar Pole Vacuum Circuit Breaker


XGN77-40.5(Z) Cubicle Fixed AC Metal-enclosed switchgear


NYBM(P)77-40. 5-0. 69 HV/LV Prefabricated Substation


NFZR77-40. 5D HV AC Vacuum Load Switch-Fuse Combined Equipment Specialised for Wind Power


ZGS11 American Type Transformer Specialised for Wind Power


Outdoor SF₆ Circuit Breaker


ZW7-40.5 Outdoor HV AC Vacuum Circuit Breaker


GW4-40.5 Outdoor AC Switch Disconnector


YB29-40.5/12 Prefabricated Substation

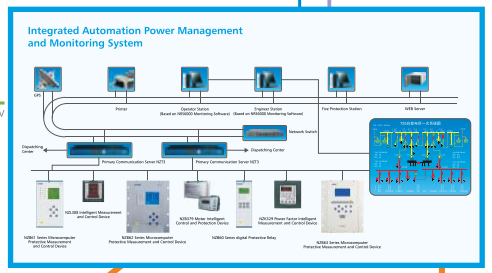

Skid-type Box Transformer


TBBS (6-35kV) Substation Type Auto-switched HV Shunt Capacitor Equipment


MSVC Magnetic Control Reactor Type HV Static Reactive Compensator


35kV Oil-immersed Transformer with OLTC in SZ9 series


27. 5kV Surge Arrester & Insulator Used for Electric Railway 35kV Porcelain Metal Oxide Surge Arrester Used for Substation



12kV


KYN28A-12(Z) Metalclad Enclosed Withdrawable Switchgear


KYN28A-24(Z) Metalclad Enclosed Withdrawable Switchgear


XGN15-12 (SF₆) Fixed Type Metalclad Enclosed Loop Switchgear

HXGN15A-12 Fixed Type Metalclad Enclosed Loop Switchgear

XGN2-12 Box-type Fixed AC Metal-enclosed switchgear

XGN36-12 Box-type Fixed AC Metal-enclosed switchgear

NG7 Cubicle Gas Insulated Switchgear (C-GIS)

TBBF(6-10kV) HV Shunt Capacitor Complete Equipment

12kV Indoor Embedded Pole Vacuum Circuit Breaker

12kV Indoor HV AC Vacuum Circuit Breaker

12kV Indoor HV AC SF₆ Switch-fuse Combined Equipment

12kV Indoor HV AC Vacuum Load Switch-fuse Combined Equipment

12kV Outdoor HV AC Vacuum Circuit Breaker

12kV Outdoor Shunt Type HV AC Vacuum Load Breaker Switch (Electric Dog)

12kV Outdoor Shunt Type HV AC Vacuum Circuit Breaker (Electric Dog)

Outdoor HV Permanent Magnet Vacuum Circuit Breaker

12kV Outdoor HV AC Droping Fuse

HV Shunt Capacitor Compensation Equipment

TBBF(X) HV Shunt Capacitor Complete Equipment

S9-S11 Series Three-phase Oil-immersed Regulating Distribution Transformer without Excitation

S9-S11 Series Three-phase Oil-immersed Full-sealed Distribution Transformer without Excitation

SC(B) series Epoxy Resin Dry-type Transformer

SCBH15 Amorphous Transformer

SBH15 Amorphous Oil-immersed Transformer

YB6 series Prefabricated Substation

YBM(P)29 HV/LV Prefabricated Substation

10kV Indoor Casting Current Transformer 10kV Indoor Casting Voltage Transformer

Outdoor Oil-immersed Energy Metering Box

12kV AC Three-phase Combined Over-voltage Protector With Composite Jacket and Gap

0.38-0.6kV

NGC8 LV Withdrawable Switchgear

NGC1~3 LV Withdrawable Switchgear

NGG1 LV Fixed Switchgear

NGZ2 series Power Supply Switchgear

NGZ3 DC Power Supply Switchgear

PZ series Lighting and Control Box

NTSC(0.4-1kV) Dynamic Filtering Compensator

BAM/BFM Full-film HV Shunt Capacitor

BAMH Assembled HV Shunt Capacitor

XKGKL Dry Type Air-core Current-limiting Reactor CKGKL Dry Type Air-core Reactor

BKS, BKD HV Oil-immersed Shunt Reactor

NCM1 Coarctation Insulated Control Bus-bar

XQJ series Cable Bracket

Cable

CHINT T&D

International Business:

Attributed to our reliable quality and perfect after-sales service, CHINT T&D has been relied on and entrusted with by many of our clients around the world.
We will continue to supply best products and try hard to win more compliments through our best service.

For inquiries, further interests for products cooperation, partnership, international alliance,investment discussion with us, please contact the following representatives.

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