



—

.....6

/

45Hz~65Hz

47.5Hz\52.5Hz

45.0Hz\55.0Hz 57.5Hz\62.5Hz 55.0Hz\65.0Hz

10kV

50Hz

1 CVT

C1 C2

tg δ

2

CVT

C₁₁

10kV

3

C_N

4

5

50Hz

6

7

8

9

10

11

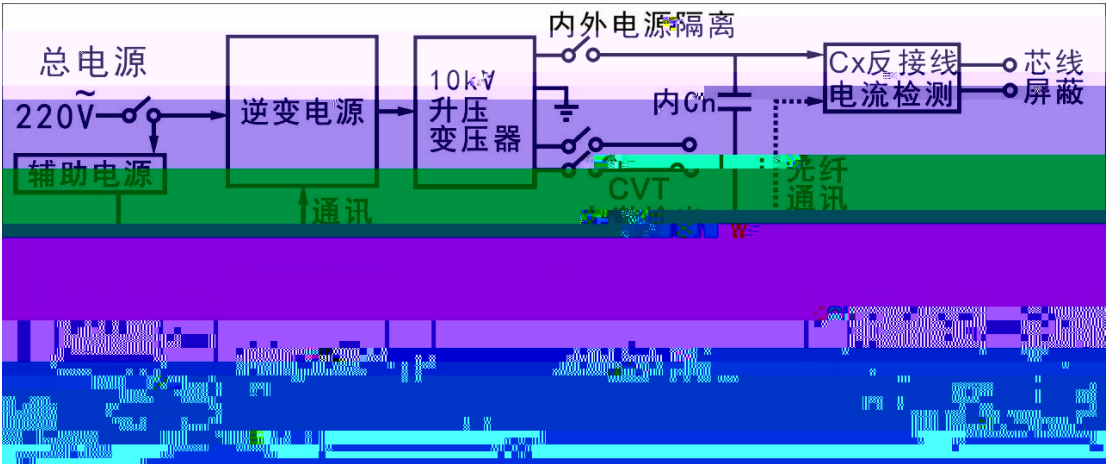
1		-15 40	RH 80%
2			
3		AC 220V ± 10%	
4		0.5kV 10kV	0.1kV
			2%
			200mA
			2000VA
5		AC 0V 50V/40A	45.0Hz-65.0Hz 45.0HZ/55.0HZ 47.5HZ/52.5HZ 55.0HZ/65.0HZ 57.5HZ/62.5HZ
6		tg δ : 0.001%	Cx: 0.001pF
7		tg δ : ± (*1.0%+0.040%)	
		Cx : ± (*1.0%+1.00PF)	
8		tg δ	
		Cx	15pF Cx 300nF
			10kV Cx=(Cx1+Cx2+Cx3+Cx4) 60 nF
			5kV Cx=(Cx1+Cx2+Cx3+Cx4) 150 nF
			1kV Cx=(Cx1+Cx2+Cx3+Cx4) 300 nF
		CVT	Cx=(Cx1+Cx2+Cx3+Cx4) 300 nF
9	() (mm)	40cm*29cm*33cm	
	() (mm)	45cm*33cm*15cm	
10		200 U	
11		25.75kg	
		33.44kg	



1

1. ~~Q~~C,FF C

1



5-1

SPWM

2kVA/1

Cn

C _N	10 μ A	1A	2 Ω
C _x	10 μ A	1A	2 Ω
C _x	10 μ A	1A	2 Ω

20kV MPPM

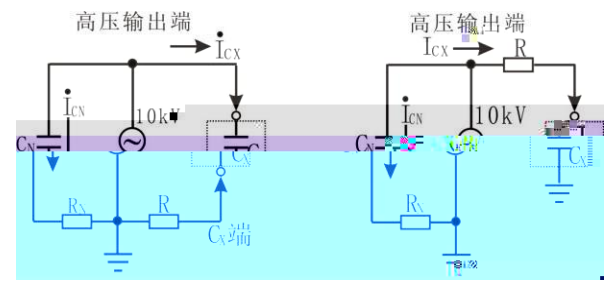
2

PID

BDd

a

2



a

b

5-2

10kV

C_N

I_{CN}

C_x

I_{CX}

R

I_{CX}

$\text{tg } \delta$

2 a

C_x

6.1

6-1

6-1



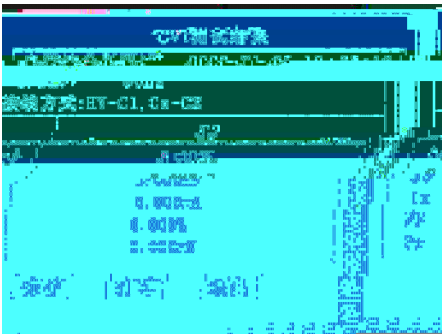
6.3 CVT

CVT

C1 C2



6-4



6-5

“ CVT ”

CVT

6-4

“ ”

“ ”

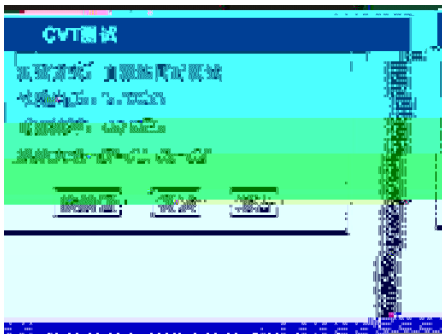
“ Yes”

6-5

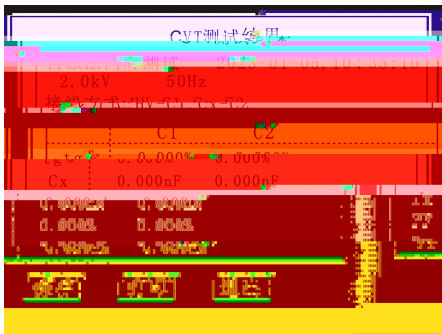
” “

“ ”

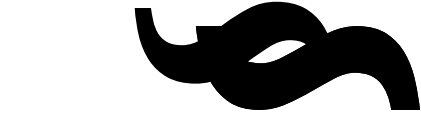
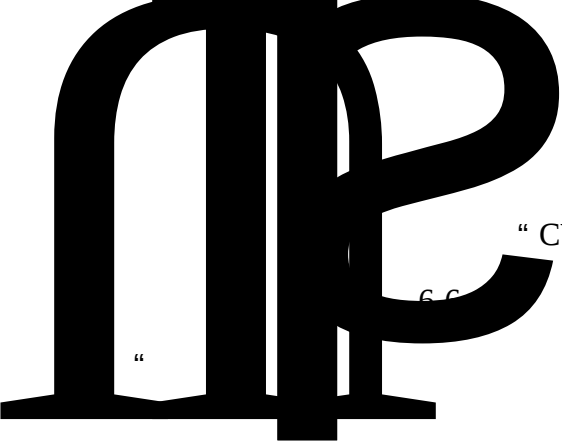
“ ”



6-6



6-7



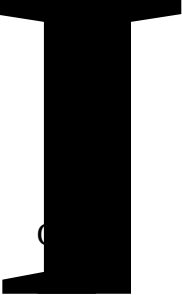
“ CVT ”

6.6

“

“

”



“

“ Yes”

6-7

”

“

“

”

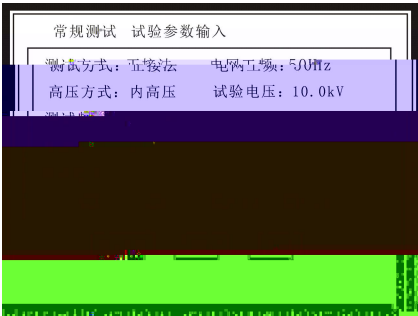
“

”

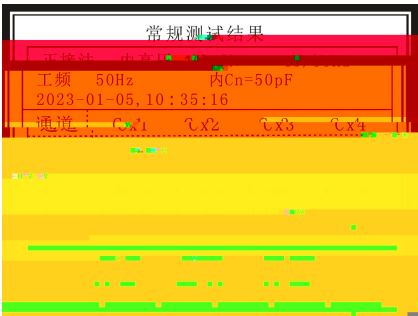
6.4



6.5



6-10



6-11

“ ”			
6-10			
“	”	“ Yes”	
		6-11	
“	”		
		“ ”	

6.6

“ ”		6-12	
		6-13	
“	”	“	”
000		199	



6-18

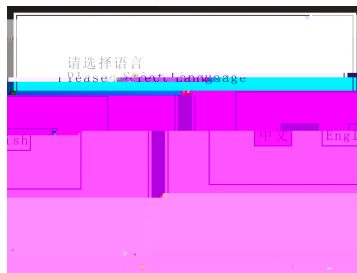


6-19

“

”

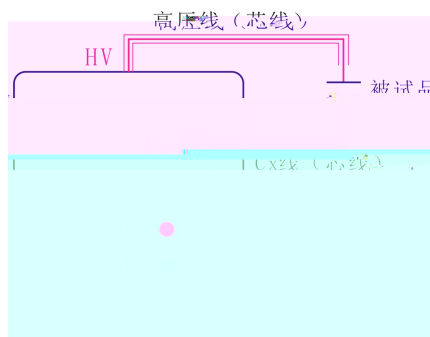
6-20



6-20

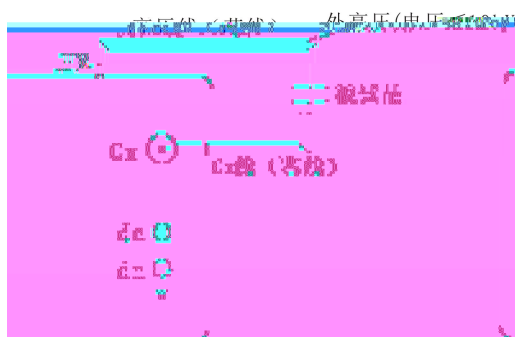
1

1

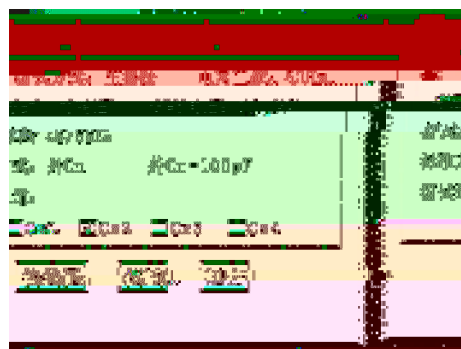
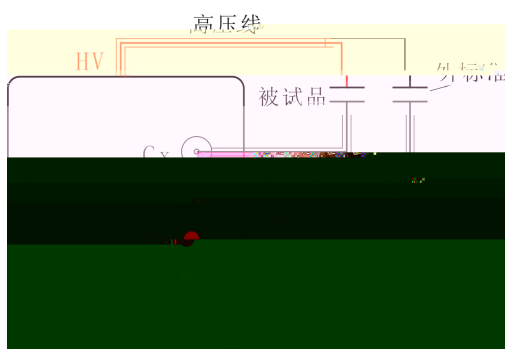


2

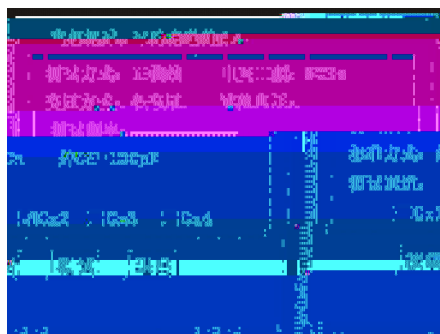
10kV



3

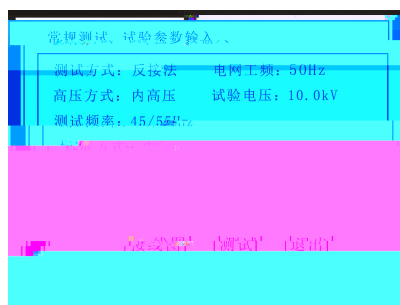
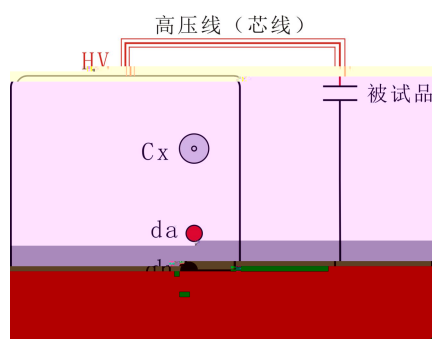


4

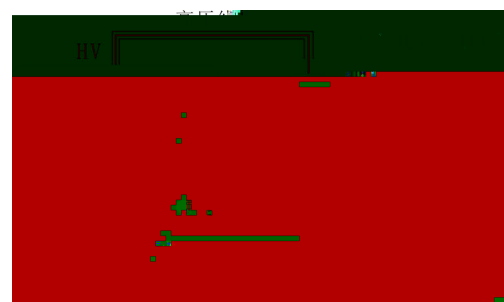


2

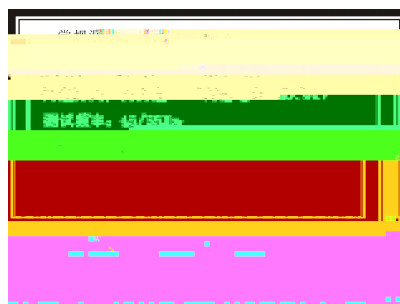
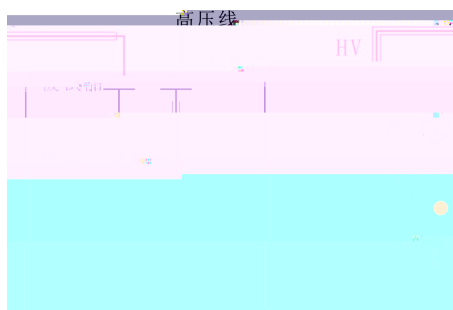
1

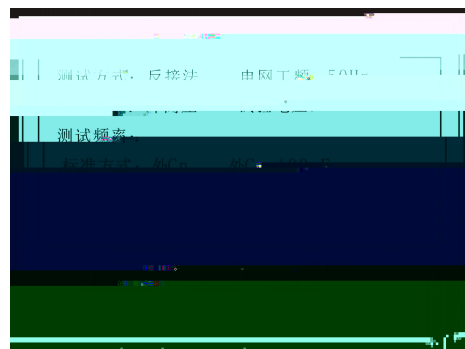
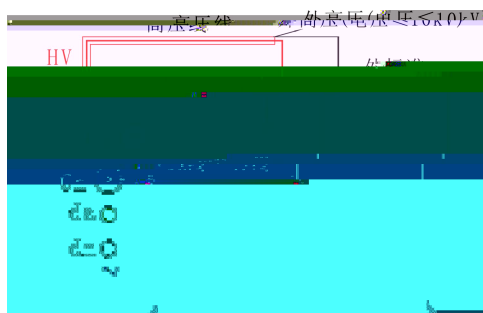


2



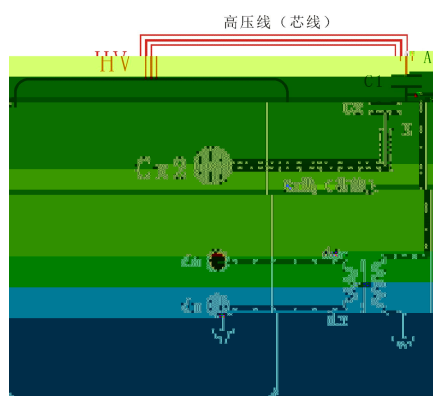
3



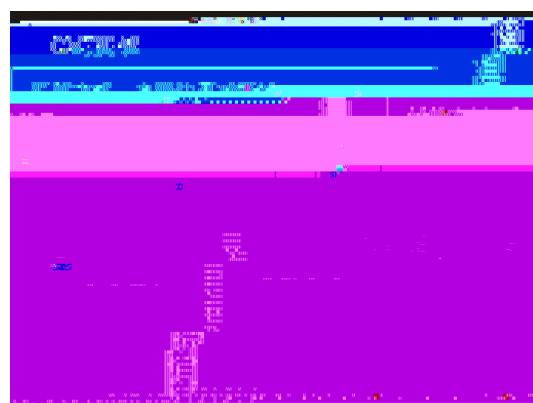
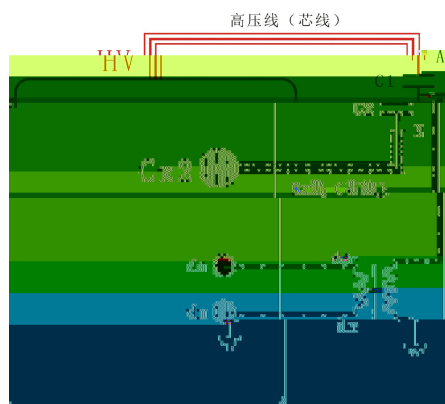


3 CVT

1 CVT



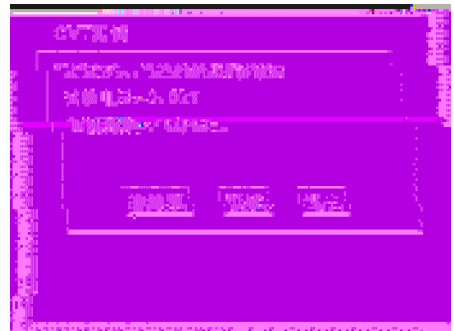
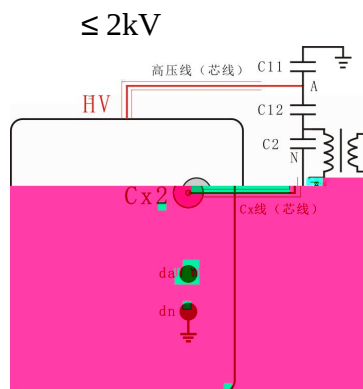
2 CVT



3

CVT

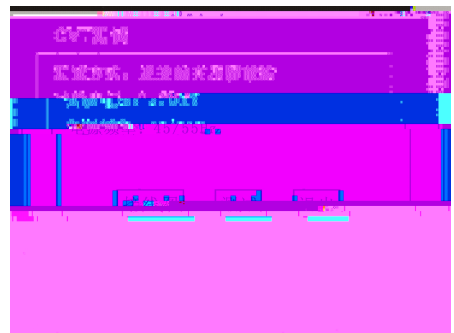
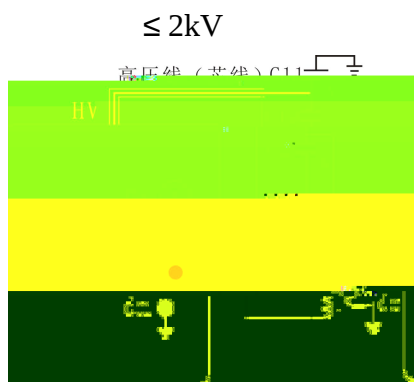
C11



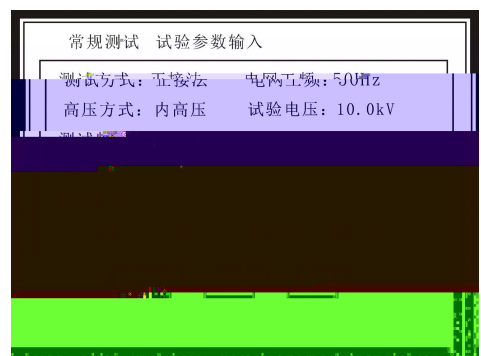
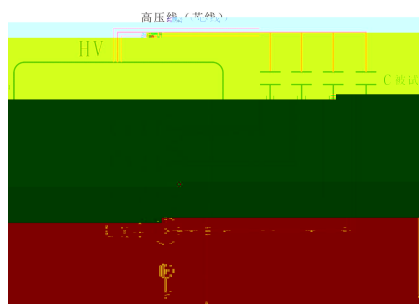
4

CVT

C11



5

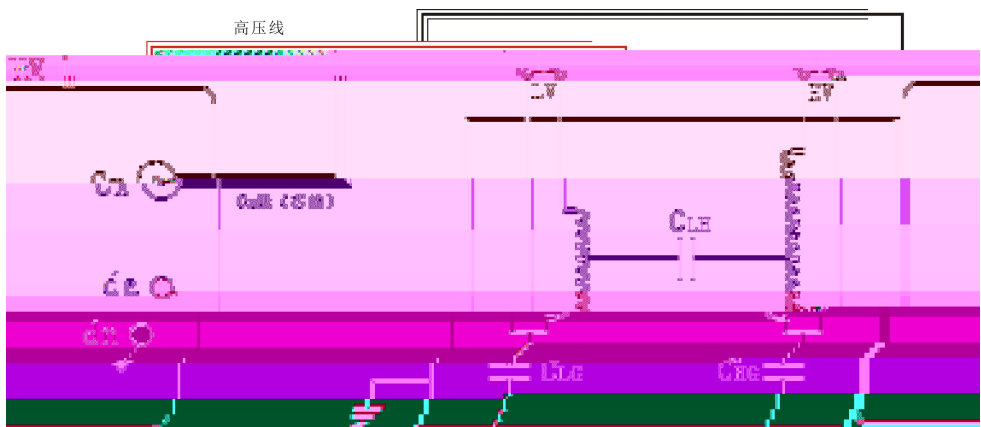


6

1

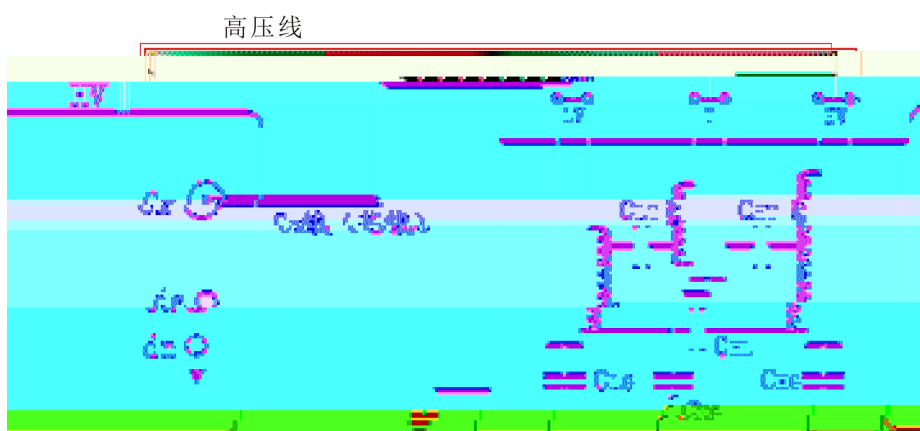


2



3

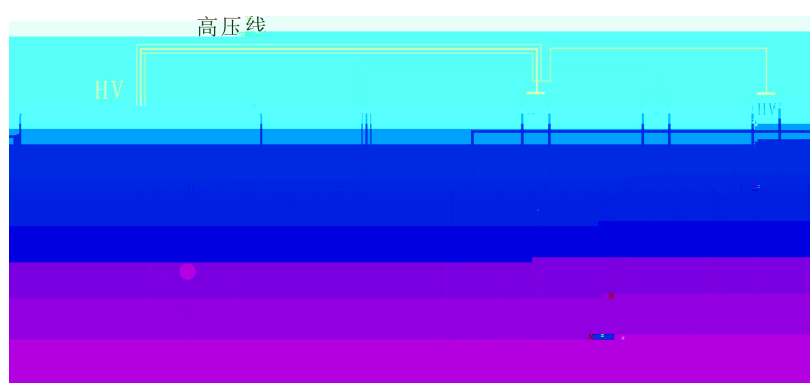
T



4

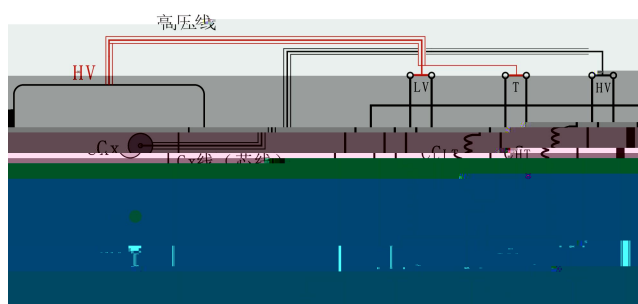
(

HV



5

LV

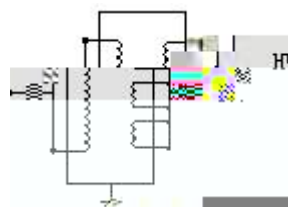


7

1

A
B
C

7-1
2kV

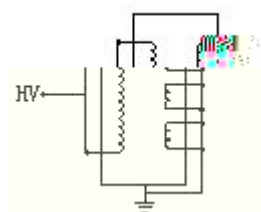


7-1 PT

2

A
B
C

7-2
2kV

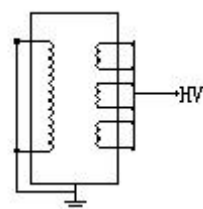


7-2 PT

3

A
B
C

7-3
2kV

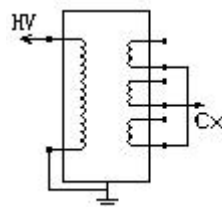


7-3 PT

4

A
B
C

7-4
10kV



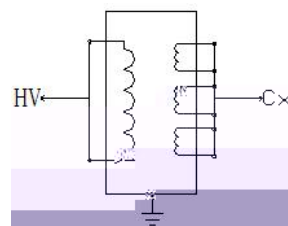
7-4 PT

8

1

A
B
C

7-5
10kV



7-5 CT

2

()

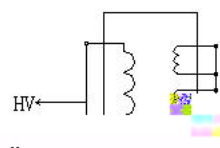
A

7-6

B

10kV

C



7-6 CT

9

1

()

A

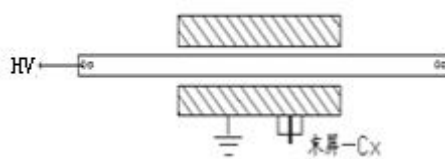
7-7

B

10kV

C

D



7-7

2

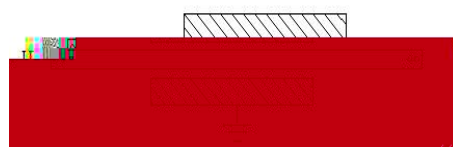
A

7-8

B

10kV

C



7-8

10

1

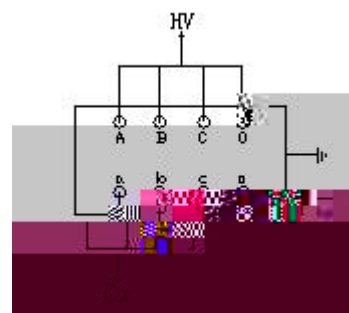
A

7-9

B

10kV

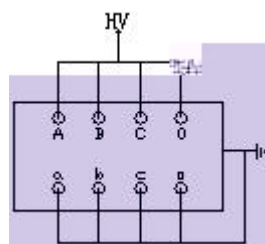
C



7-9

2
A
B
C

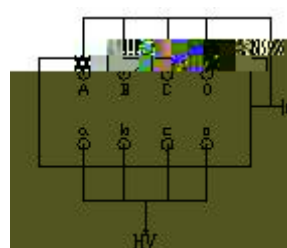
7-10
10kV



7-10

3
A
B
C

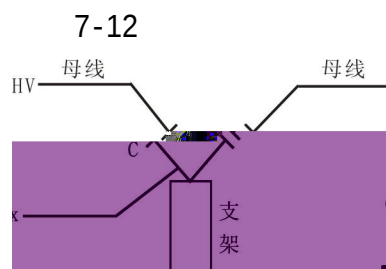
7-11
10kV



7-11

11

Cx



7-12

12

BR16 BR26

7-13

BR16

7-14

BR16

7-15

BR26

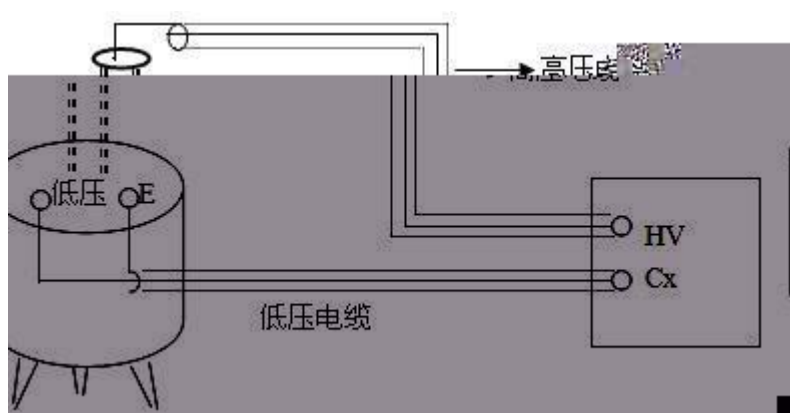
7-16

BR26

HV

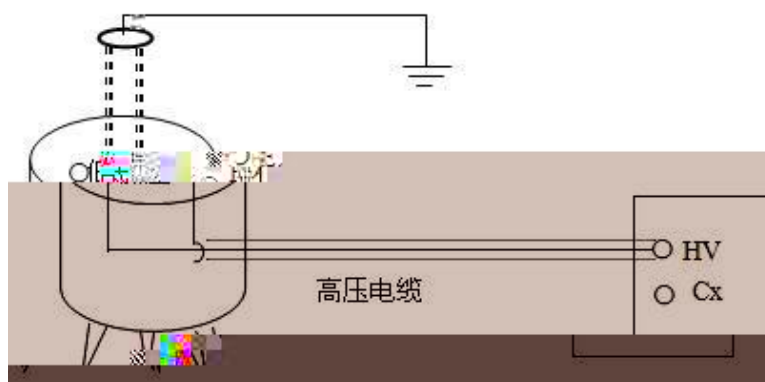
10kV

HV



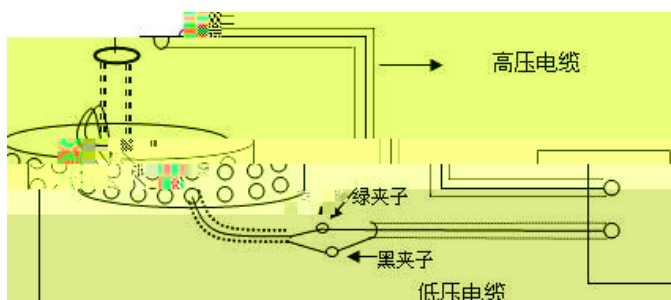
7-13

BR16



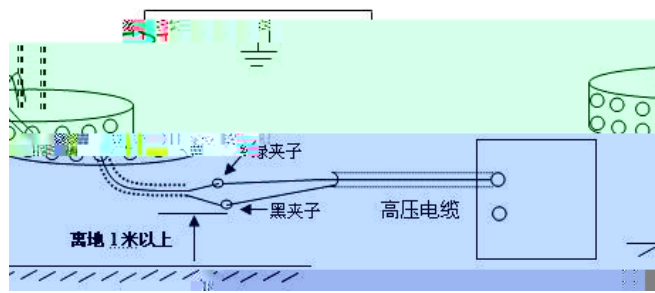
7-14

BR16



7-15

BR26



7-16

BR26

60 100cm

1

2

2

1

1

3

AC220V ± 10%

AC264V

4

5

6

7

8

1		1
2	HV _x	1
3	C _x	4
4	CVT	1
5	AC 220V	1
6	3	1
7		4
8		2
9		1
10		2
11		1

1

$-\operatorname{tg} \delta$

$\operatorname{tg} \delta$

$-\operatorname{tg} \delta$

T