



—

“ ”

1.

2.

3.

4.

5.

6. 220V 50/60Hz 10A

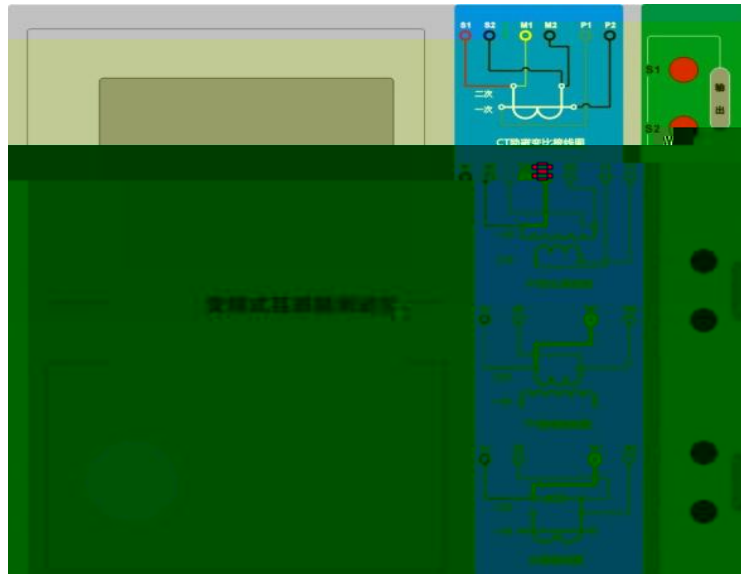
7.

8.

9.

202509

	.....	4
	.....	6
1.1	.....	6
1.2	.....	7
1.3	.....	8
	.....	9
2.1	.....	9
2.1.1	.....	9
2.1.2	.....	10
2.1.3	.....	13
2.2	.....	15
2.2.1	.....	15
2.2.2	.....	16
2.2.3	.....	17
2.3	.....	18
2.3.1	.....	18
2.3.2	.....	18
2.4	.....	18
2.4.1	.....	18
2.4.2	.....	20
PC	.....	23
3.1	.....	23
3.2	WORD	26
3.2.1	.....	26
3.2.2	.....	27
	.....	28
A.	.....	28
B. 10	.....	29
C.	CT	30
D.	.....	33
	.....	34
	.....	35



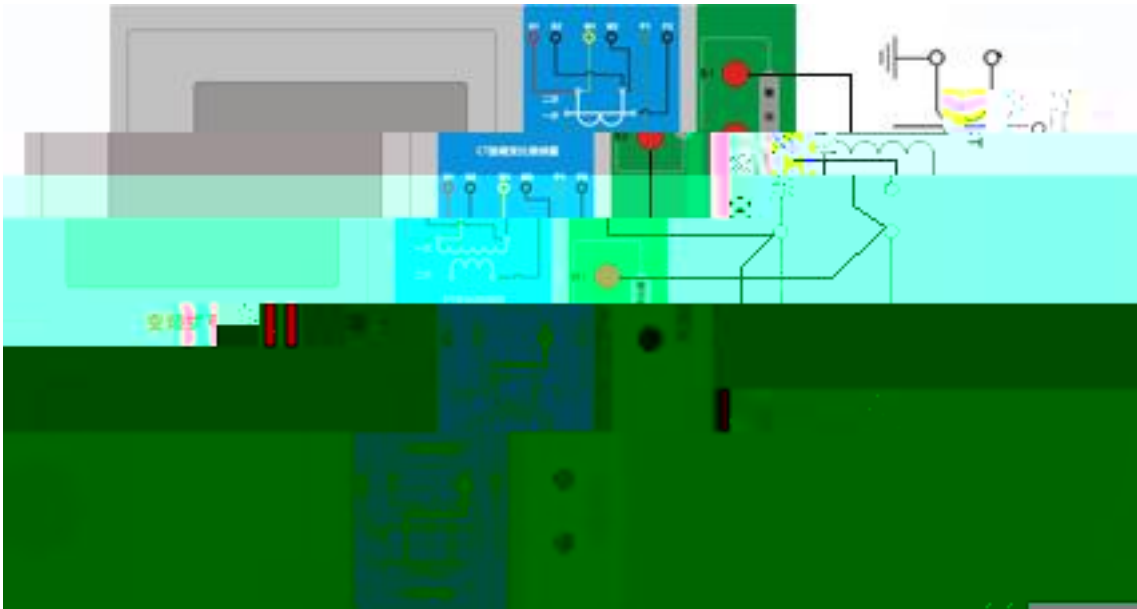
- S1 S2
- M1 M2
- P1 P2
-
-
-

		CT PT
		0~180Vrms
CT		1~50000
		±0.2%
PT		1~50000
		±0.2%
		±2min
		0.5min
		0~300Ω
		0.2%±2mΩ
		0~1000VA
		0.2%±0.02VA
		AC220V±10% 50Hz
		-10°C~50°C ≤90%
		340mm x220mmx330mm <9kg
		430mm x270mm x500mm



2.1.1

CT		2.1	D	CT	2.1	2.2
					2.1	CT
√					CT	2.1
√	√				CT	2.1
√		√			CT	2.1
					CT	
√	√	√			CT	2.1
					CT	
			√	CT	2.2	



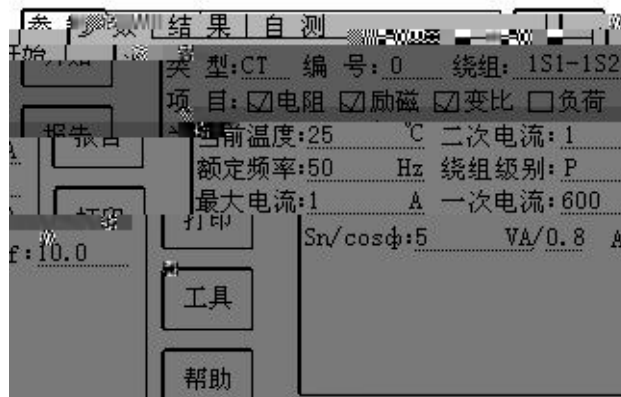
2.2 CT

CT

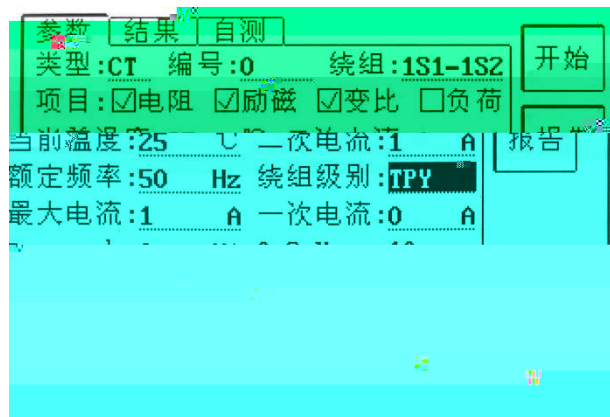
CT

2.1.2

2.3 2.4



2.3



2.4 TPY CT

2.3

CT

FS

ALF

CT

Ktd

GB16847

GB20840.2

DL/T866

1

CT

“CT_

2

1A

5A

3

CT

P

TPY

PR

PX

TPS

TPX

TPZ

4

5

50Hz

60Hz

6

TPY

CT

2

P

CT

5P40

$$5\% \cdot 40 \cdot 1A = 2A$$

10P15

5A

1A

$$10\% \cdot 15 \cdot 5A = 7.5A$$

1

2

3

4

s,CT

✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

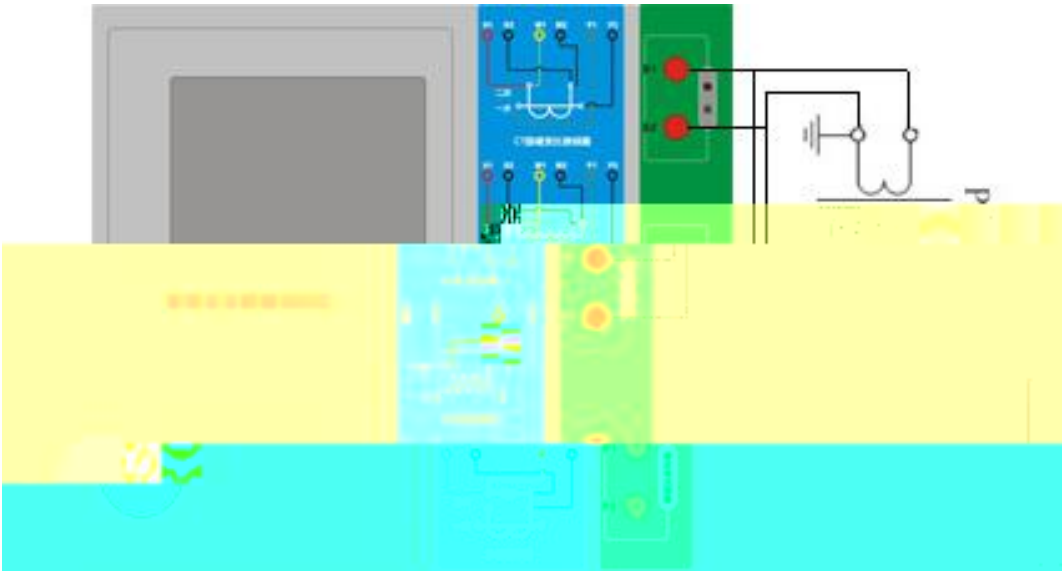
✓ ✓ ✓

2.2

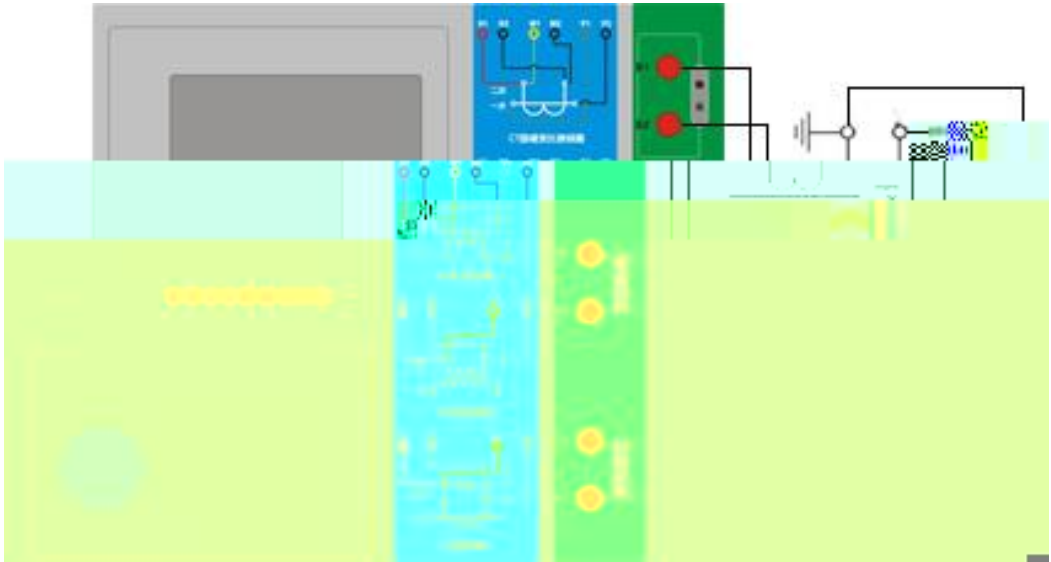
2.2.1

2.4 PT 2.6 2.7
2.4 PT

√			PT	2.6
√	√		PT	2.6
		√	PT	2.7



2.6 PT



2.7 PT

PT

2.2.2

PT

2.8



2.8 PT



1

PT

2

3

P

4

5

50Hz 60Hz

6

7



2.2.3

2.9



2.9 P PT

PT

2.5

2.5 PT

			P	
	25	Ω	√	√
	<u>75</u>	Ω	√	√
		V A 10% 50%	√	√
			√	√
			√	√
		PT / /+	√	√

2.10



2.10

9

0.1A~1A
0.1V~70V
0~50Hz

2.6

	0.1A~1A
	0.1V~70V
	0~50Hz

2.11

试验报告		
序号	报告文件	已用 1%
1	CT_0_A_0_1S1-1S2.ctp	

保存

2.11

2.12

试验报告		
序号	报告文件	已用 1%
1	CT_0_A_0_1S1-1S2.ctp	

保存

2.12

2.13

工具	
校对时间	
年 : 2010	月 : 03
日 : 23	时 : 09
分 : 33	
调试 校时 升级 返回	

2.13

5



5

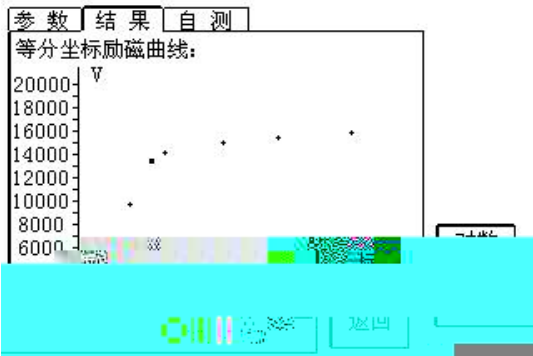
5% 10%



10%

5%

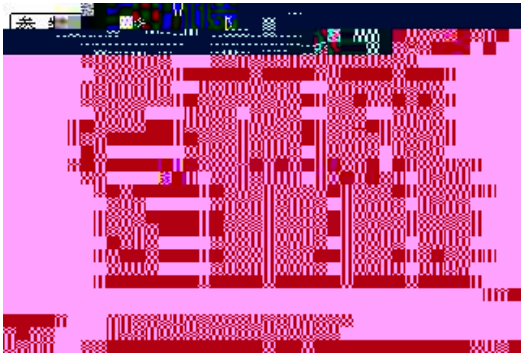
2.18



2.18

CT

2.19



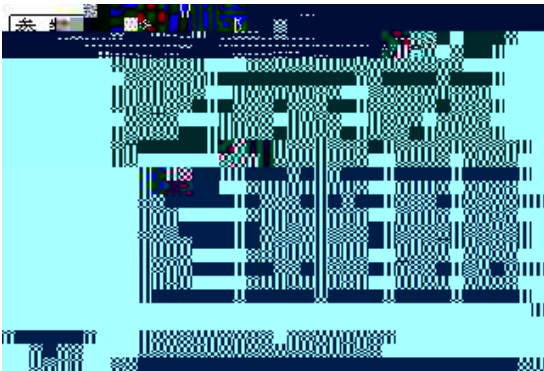
2.19

CT

25%

CT

2.20



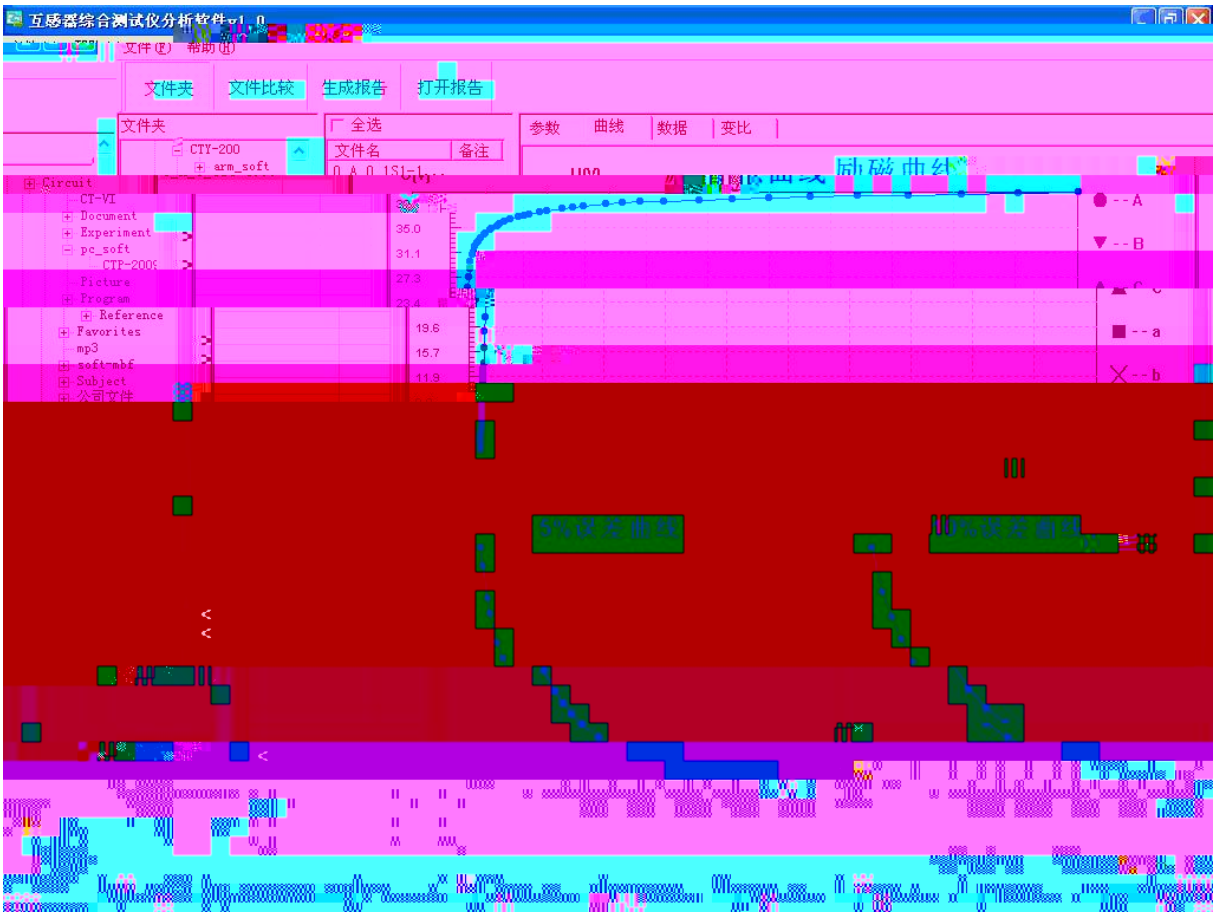
2.20

PC

WORD

PC

3.1



3.1 PC

•

“

”

“

”

•

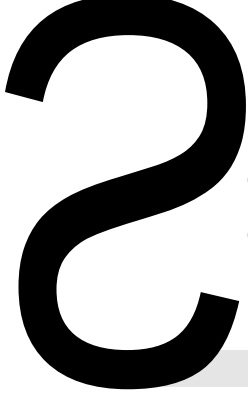
“

”

A B C a b c

A->c

•



“ ”

“

3

“

d

”

“

”

“

”

5%

ā 100%

5

.

WORD

WORD

WORD



OFFICE

WORD



3.2

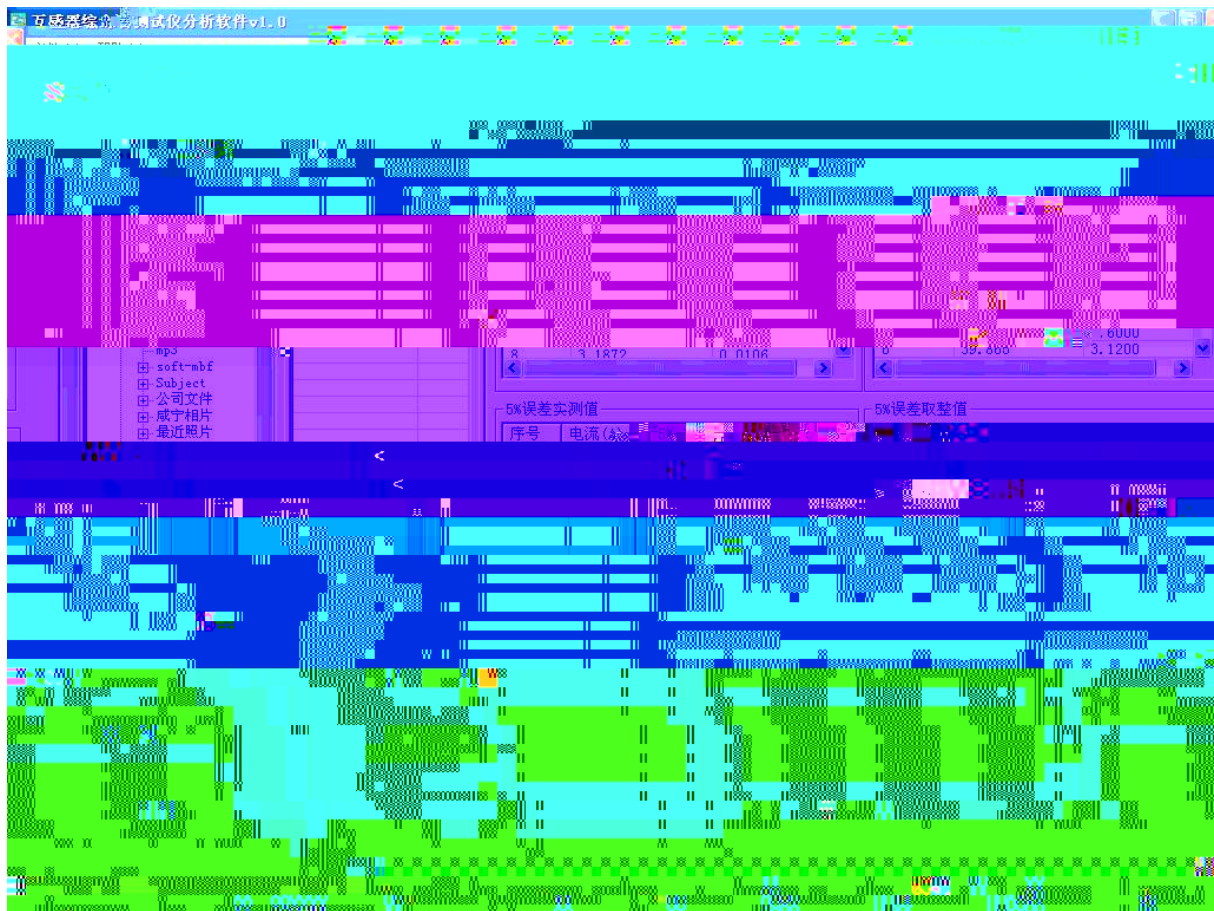
∫ CT

C

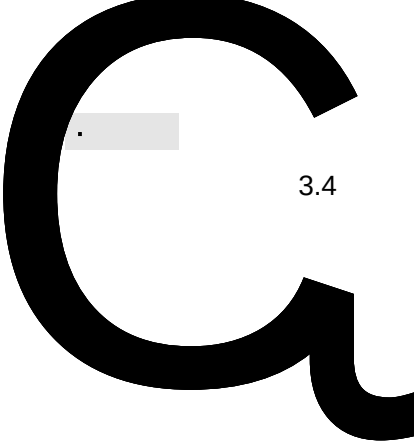
∪ j

κ q

X



3.3 PC



3.4

3.4 PC



“

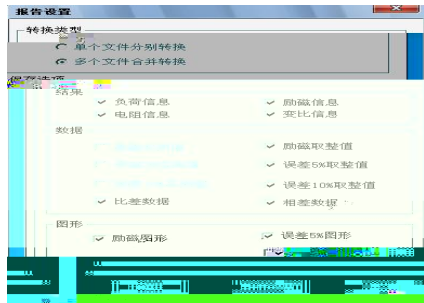
”

3.2.1

PC

WORD

M ↓



3.5



3.6

3.2.2

CT

CT

V

I

CT

E

I

CT

I

L

Z

$$V = I \cdot Z$$

L Z

$$Z = \omega \cdot L = 2 \pi f L$$

$$V = I \cdot 2 \pi f L$$

L

V

f

$$f = 50\text{Hz}$$

I_x

$$V_x = 2000\text{V}$$

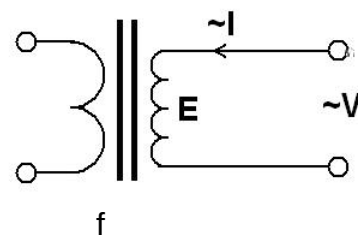
$$V_x = I_x \cdot 2 \pi f L = 2000\text{V}$$

$$f = 50\text{Hz} \quad V_x = 2000\text{V}$$

$$f = 5\text{Hz} \quad V_x = 200\text{V}$$

$$f = 0.5\text{Hz} \quad V_x = 20\text{V}$$

CT



...²

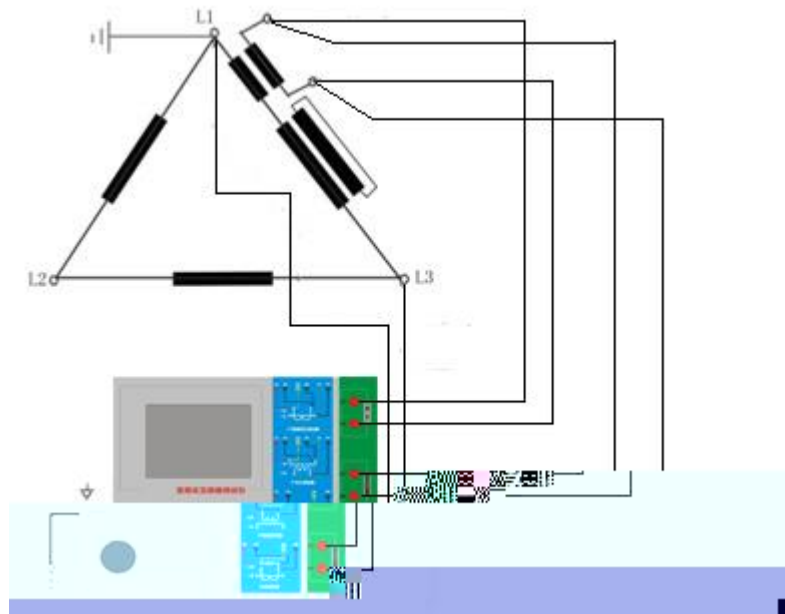
	CT	C.1 _A	
1	4mm ²		
2	CT		
3	CT		
Ä 4	5mm ² 40-100	CT	"Outp _z m "

WV Q 0000 O xb
S
v
C

1

CT

C.2



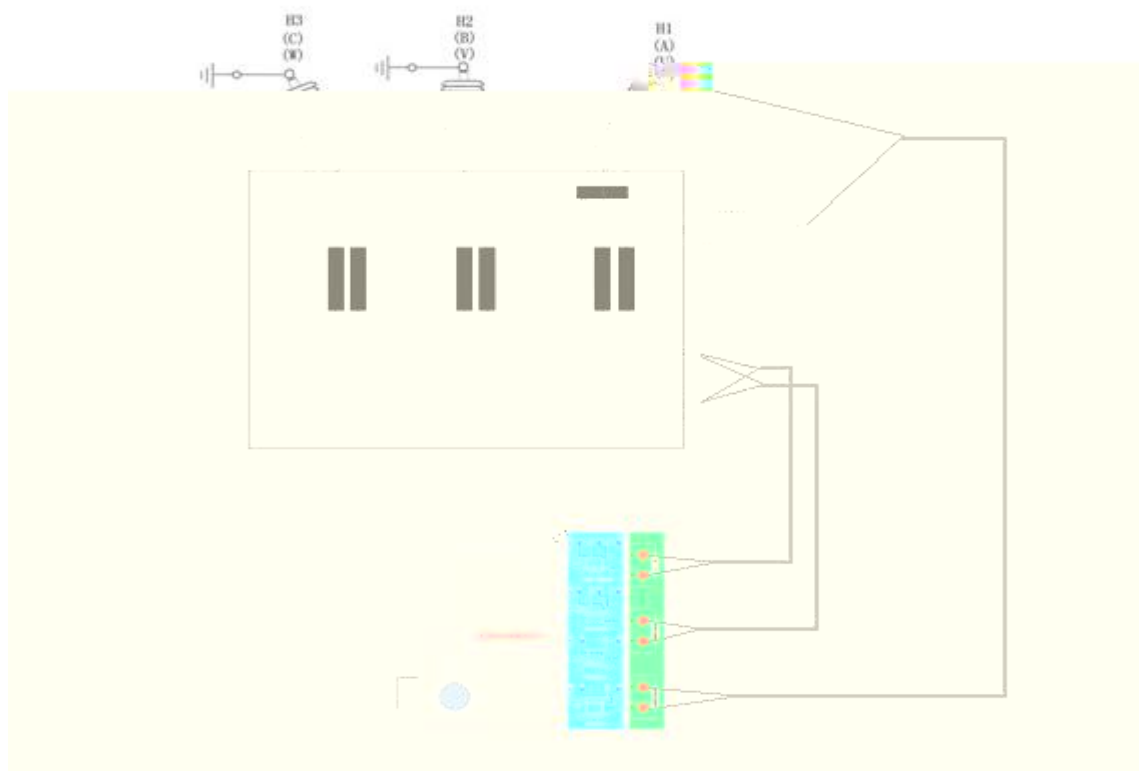
C.2

2

CT

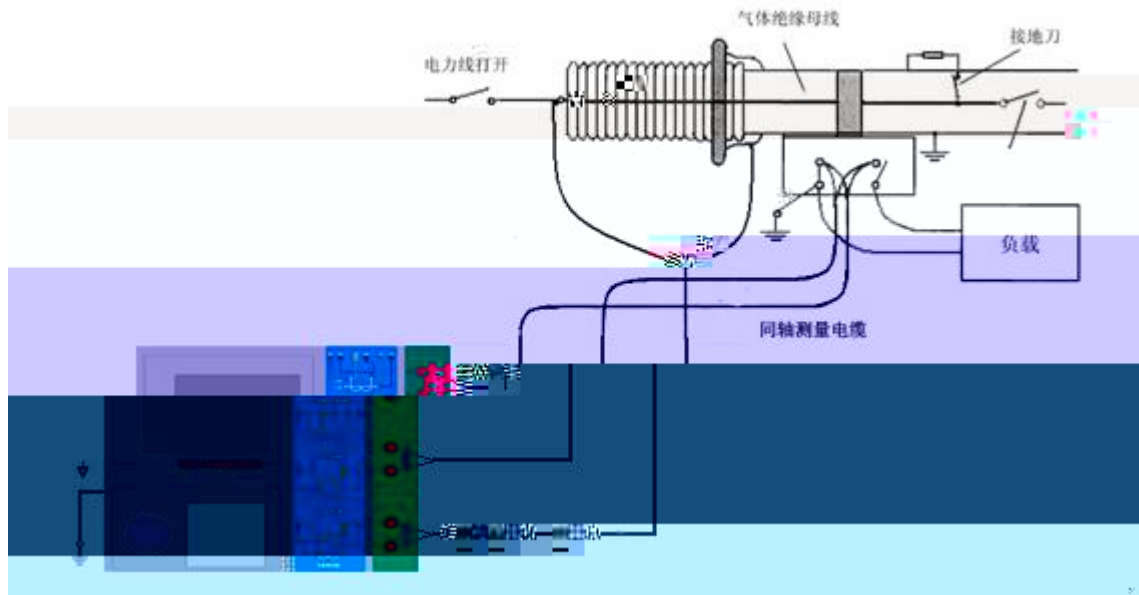
C.3

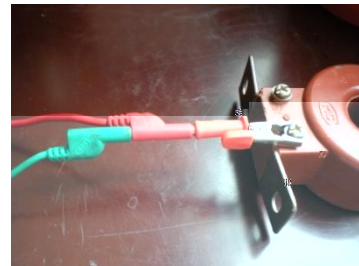
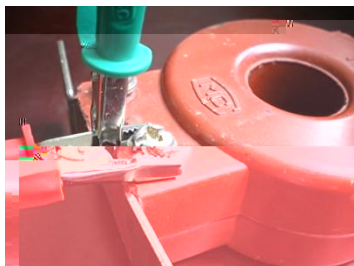
H1



C.3

CT





1

2

3

4

1		1
1	5	1
2	5	1
3	20	1
4	5	1
5	1.5	1
6		12
7		12
8	10A	5
9		2