

=====

=====

C

1		
2		
3		

		B	C
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			

15

90%

110%



01

56 10pC

 0.5Ω

0.5MHz-1.6MHz ≥ 60dB

4

40MHZ

3dB 10kHz 1MHz

02

 20kHz 40kHz 60kHz
80kHz ,OFF 9kHz

 100kHz 200kHz 300kHz

400kHz OFF 1MHz

0.1pC 1000nC

0.1pC

 6pF 250μF

 50kW

● 20 300Hz

● 0.1μΩΩΩ

03

11

12

13 PLC

S7-200

75KVA

14

380V

0-450V

CTYD-75KVA/150KV

75KVA

15

400V

0-150KV

16

150KV

17

FRC-150KV

01

7.5KW

02

03

0-100KPA

04

0.1

		0.2%	5A		
02		0-4000A			
03		4000A/5A	0.1		
04					
01		Z1JJ-III			
02		CT3330			



5.1



CTBZ- IV

ش Æ

b

5.2

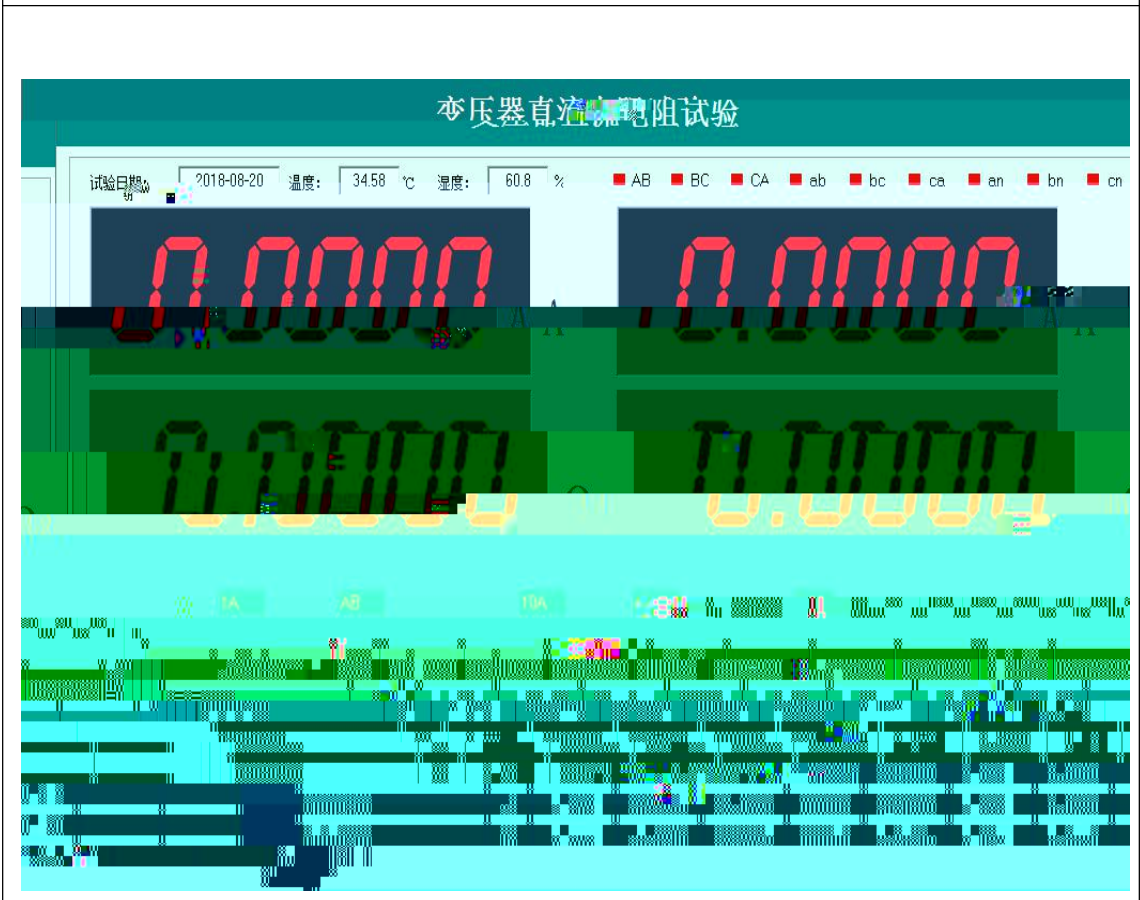
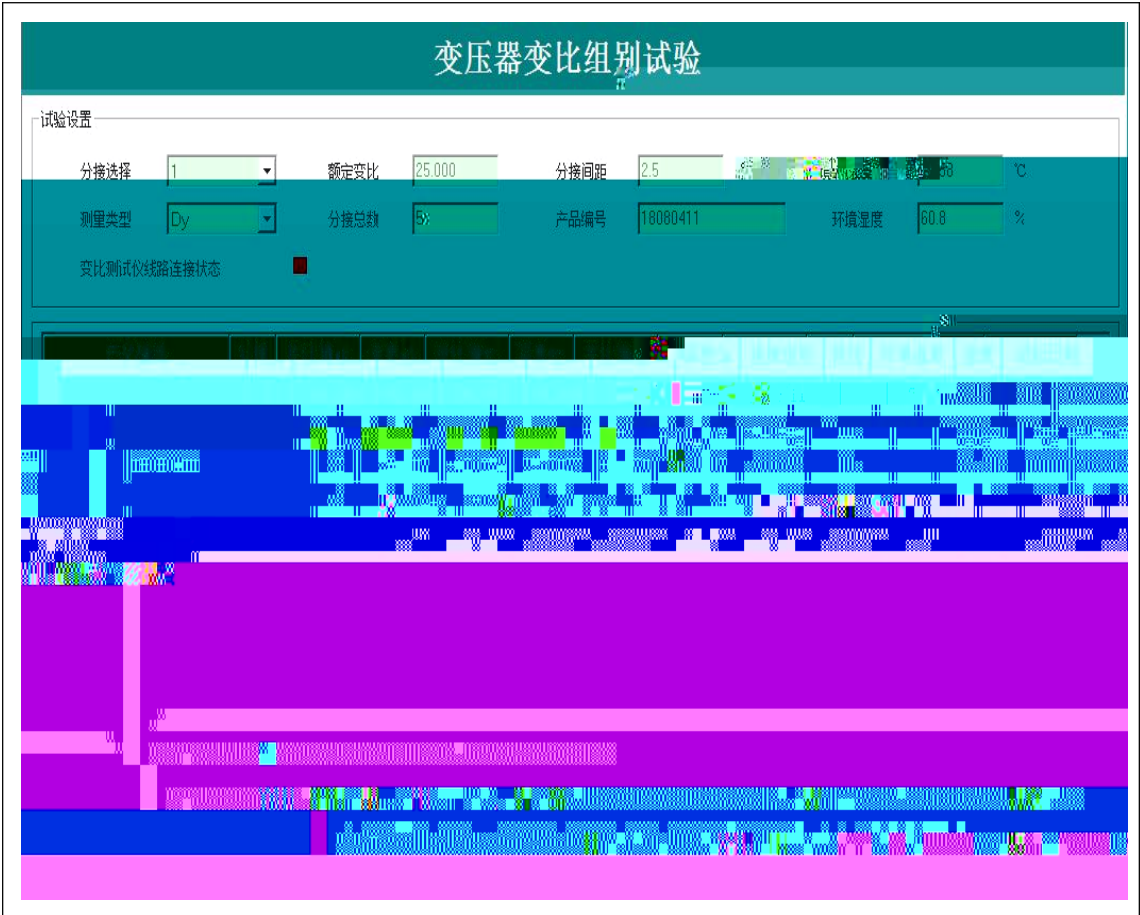
PLC

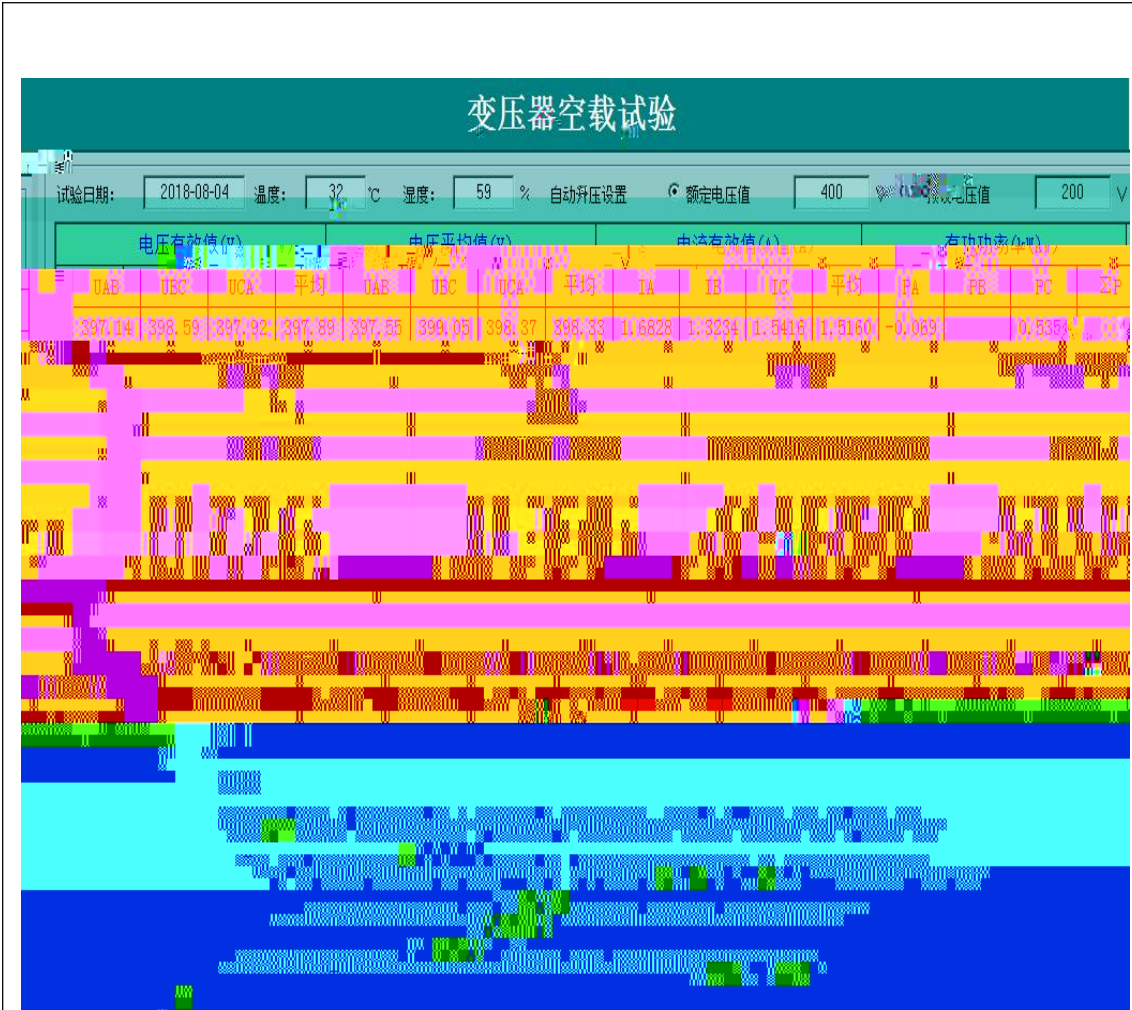
d

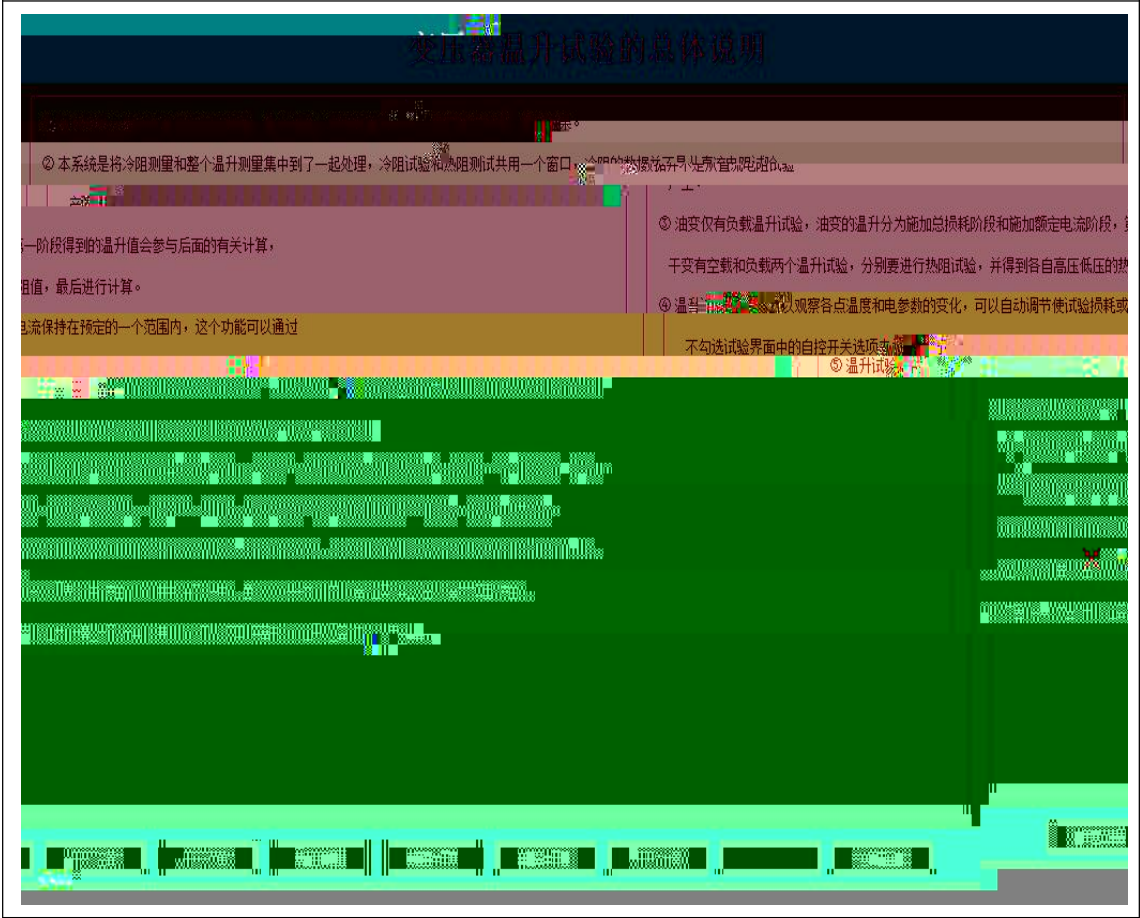
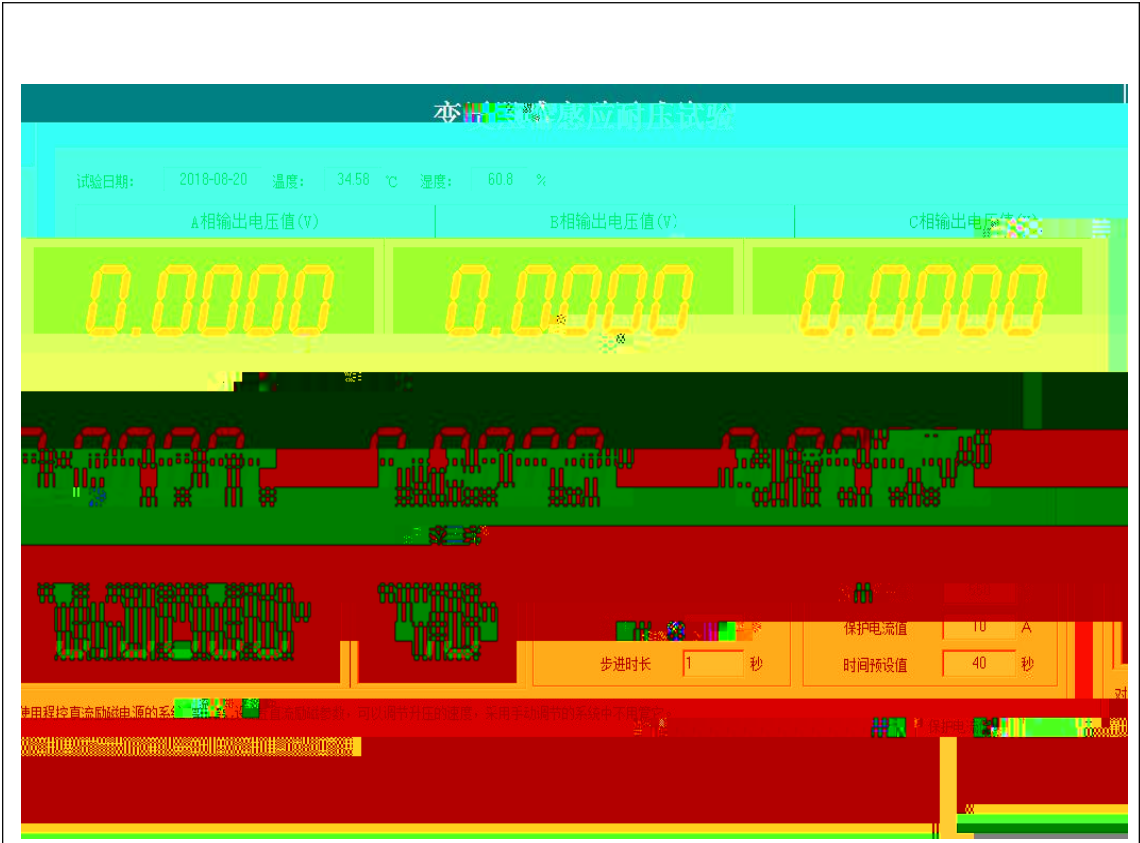
PLC

PLC

G







油浸式变压器温升试验



变压器温升试验之冷阻热阻测试

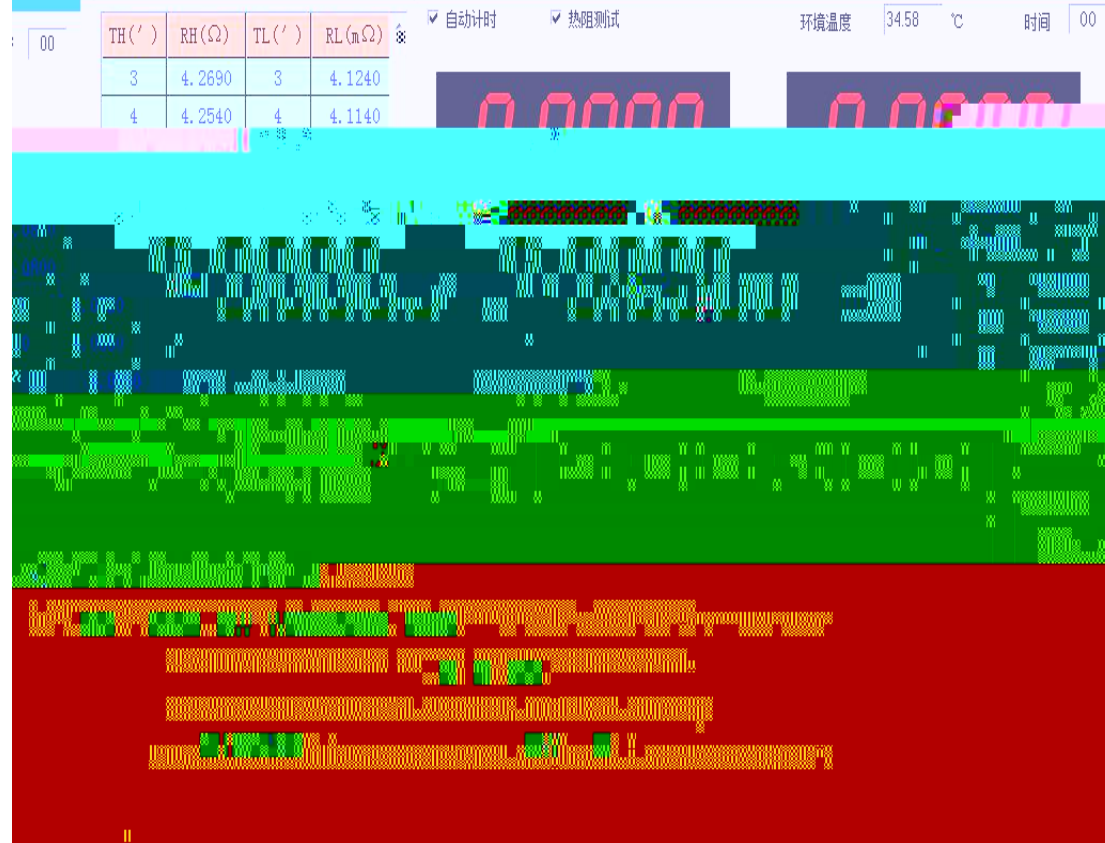


Figure 1 shows the main interface of the program. It includes input fields for time increment Δt (min), estimated winding time constant T_w (min), and other parameters like S_a and n . The central part of the screen displays a large table of data points, which are organized into columns and rows, representing the extrapolated temperature data for different windings over time.

[illegible]

2. PLC

PLCS7-200

3.

6.3

CT-300C

0.1



1

2

3

4

5

6

7

8 RS-232/485

1A

10A

2

Ω — 4 Ω

Ω — 20 Ω

Ω — 200 Ω



1 10000
2 10
3 Z
4



0.1

1.0/ $\sqrt{3}$ KV

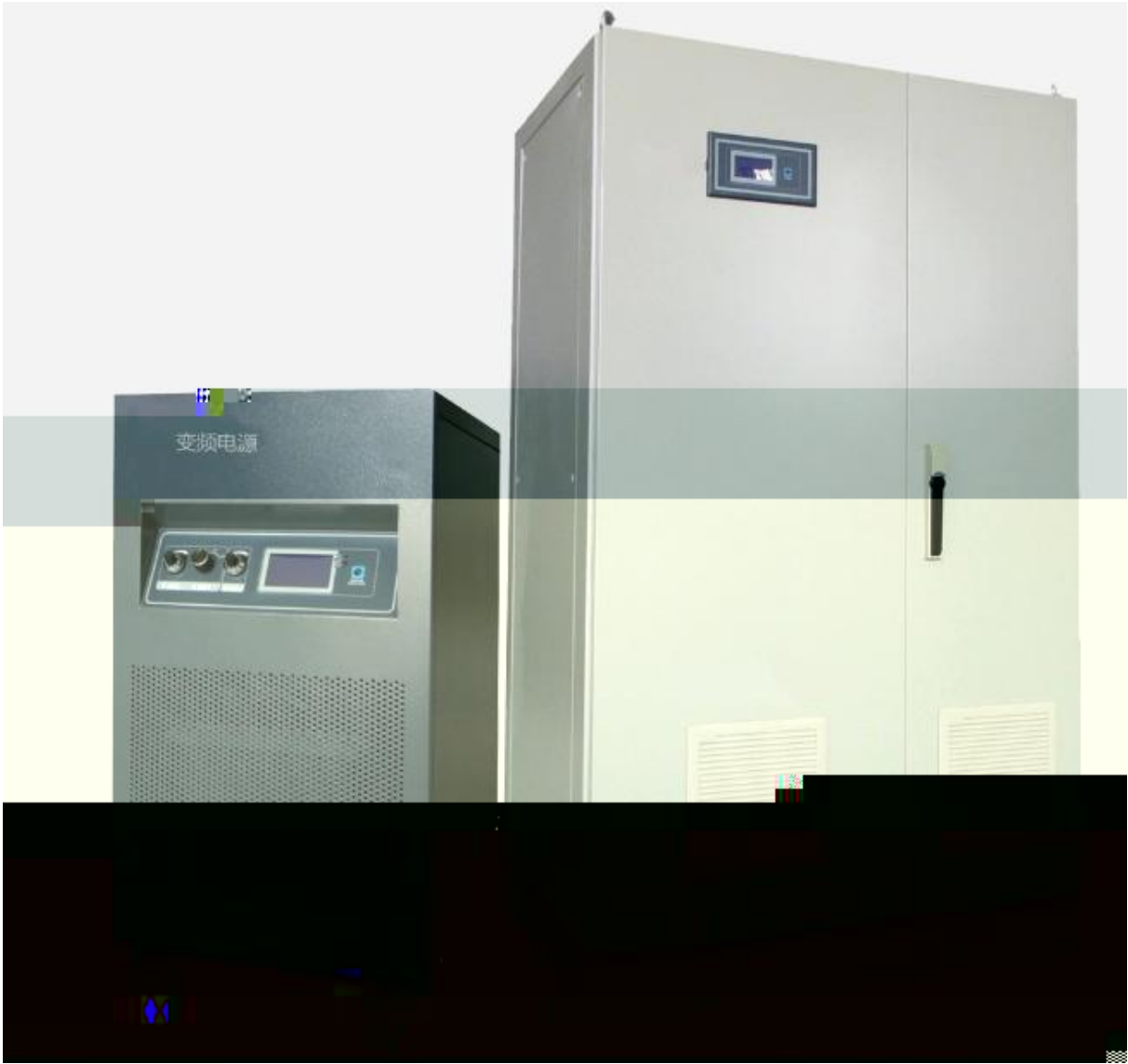
0-200A

(5, 10, 20, 50, 100, 200) / 5A

6.5

TSJA-160KVA

6.650KW

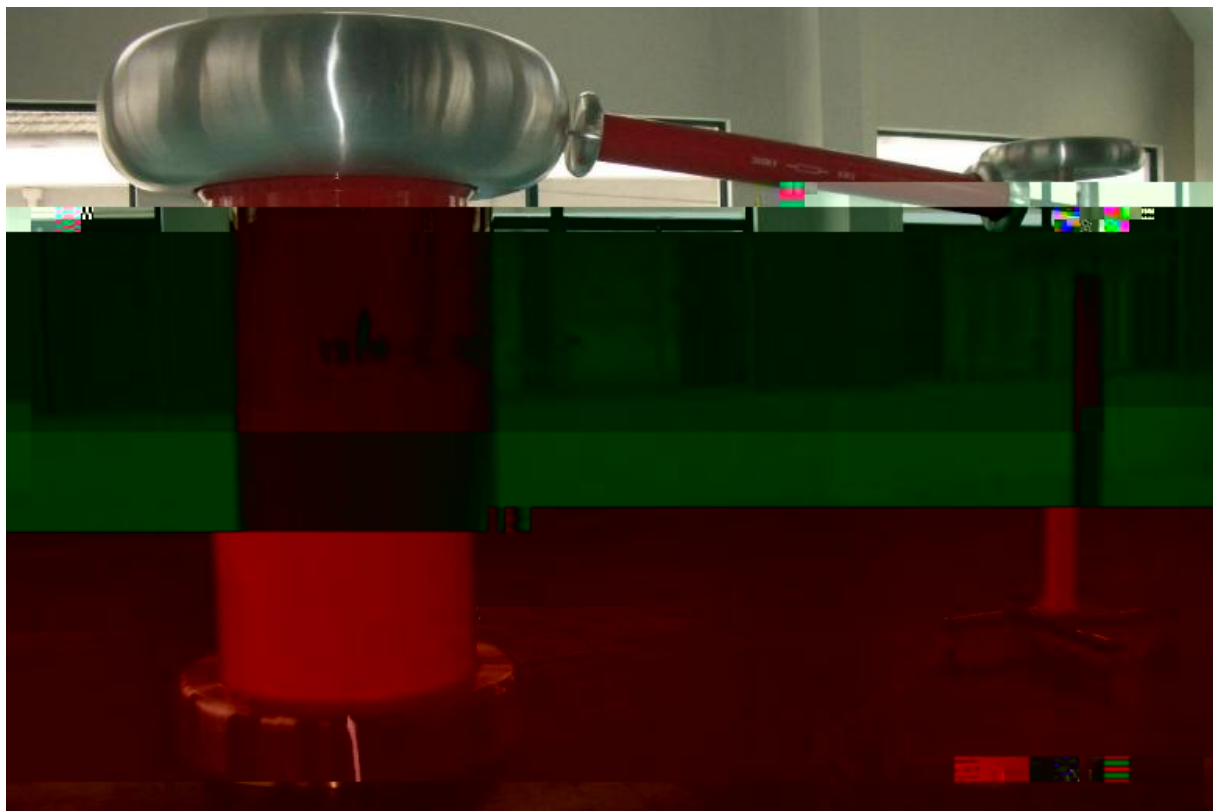


		380V±20%	220V±20%
		47Hz-63Hz	
		IGBT/SPWM	
		AC50KW	
		0-900V	0-520V

		±1%
		2mS
	THD	< 2%
		50/60/100/200/400Hz 150Hz 5-1000Hz
		< 0.1%
		≤±1° 100% ≤±4°
		L-L L-N
		0.1V 0.1A; 0.1KW
		IGBT
		LCD (128*64) 7
		120%/1h 150%/1min 200%/20s
		-10 45 0 90
		DC500V,20 MΩ
		1500Vac/10mA

6.7

CTYD-75kVA/150kV



CTYD-75kVA/150kV

75kVA	
400V	187.5A
AC 150kV	500mA
<10%	<8%
125	1500
I , 10	

5.10

FRC-150kv



:

1.0%

AC 150kv

DC 170kv

1500 1

,

6.11





[illegible]

7.1

7.2

7.3.2

RS/485 PLC PLC

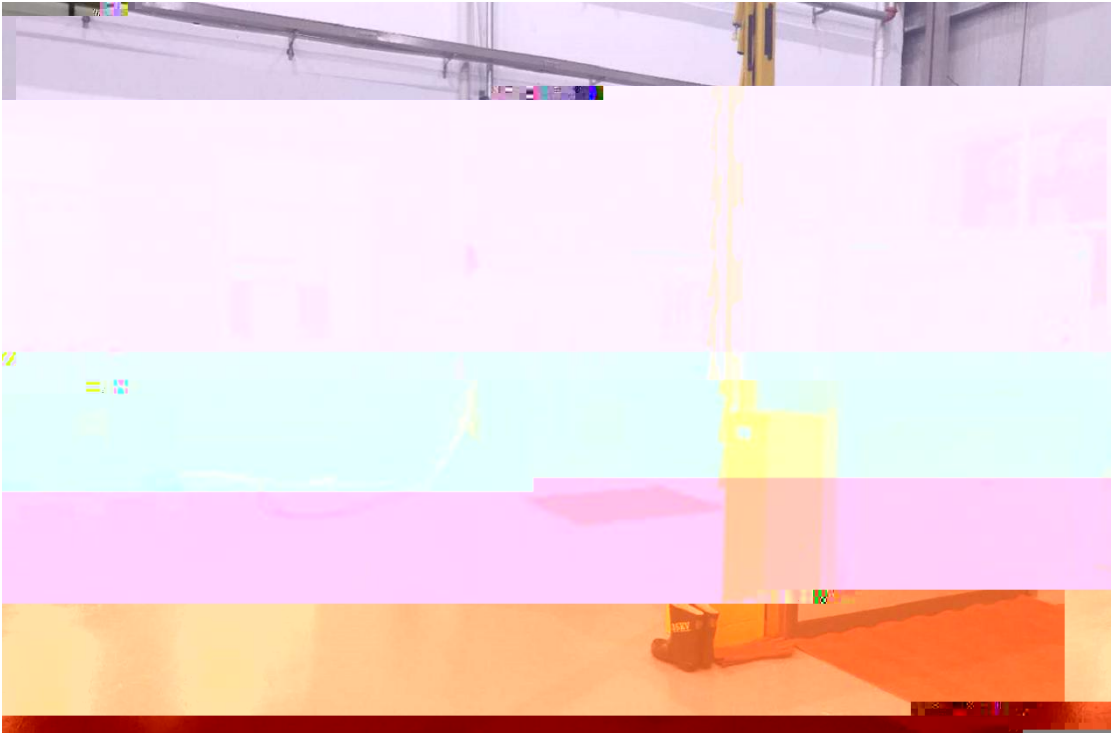
7.3.3

7.3.4

7.4

7.5

(
)



400kV/30kJ

35kV

≤ 1000m

-25 +45

≤ 90% 20

≤ 25

≤ 8

<3%



0.5Ω

GB7449

GB1094.3-03

GB/T 3

5

6

10% 100%

 $\pm$

1%

 $\pm 1\%$

1%

7

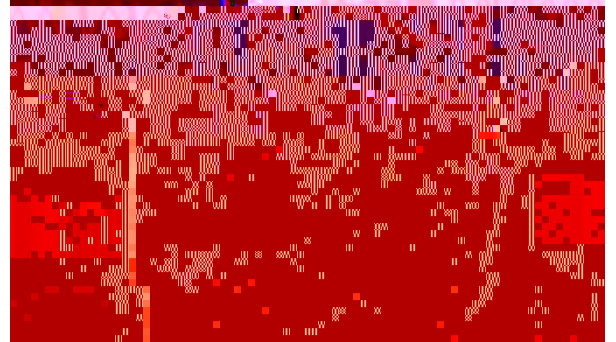
150kV 200MΩ

8



9

10



2

1)

Haefely G

Highvoit

2)

$\pm 150\text{kV}$

3)

1 MWF50kV/1 μ F $\times$ 2

4)

5)

6)

7)

2%

8)

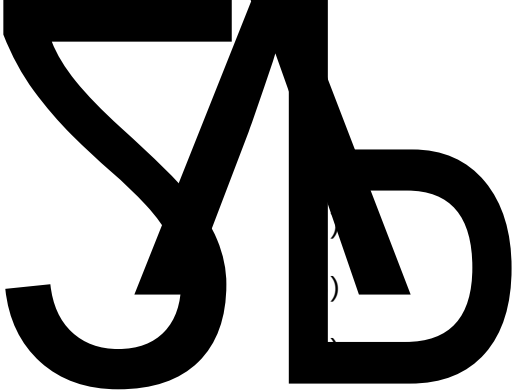
9)

10) 450kV

× ×

2.4m × 2m × 2.6m

3



5)

6)

7) /

8)

9)

10)

1)

2)

3)

1)

2)

3)

4)

5)

6

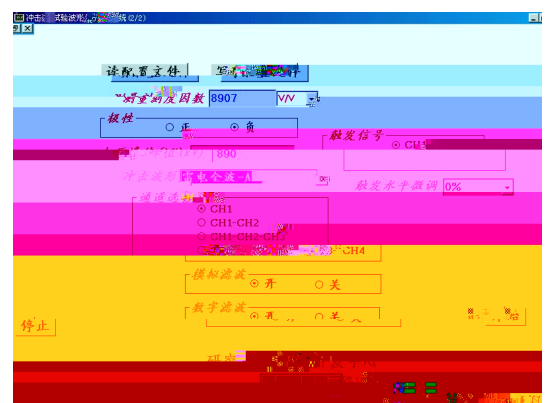
1)

DPO-2012

2)

6 7 8

9



1

2

IEC61083-2

2002

KAL1000

PTB

1

1		T1 T2 Up	
		T1 Tc K Up	
		Tp T2 Up	330KV

2

()

	() K %
	3
1000KV/ s	4
2500KV/ s	5

(.bmp)

(.0]

na"

：“ ”

Word

Word

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(

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