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			30
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			73
	6-35KV		76
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2			81



PC ñ ò ñ C ò Windows

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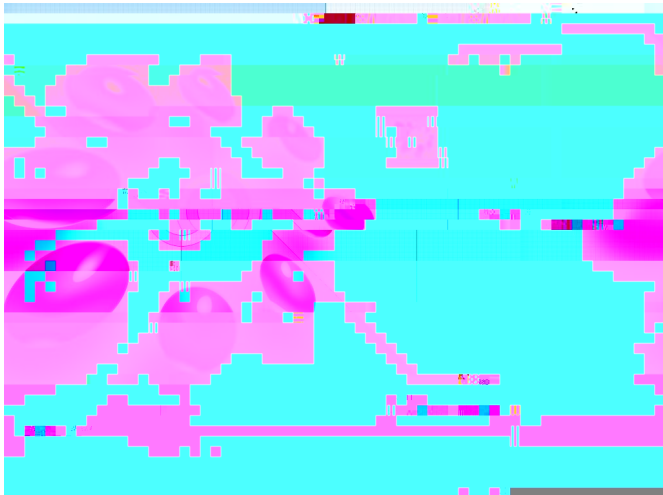
PC

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			6-35KV PC	U _x
			PC	“ ” “ ”
			PC	
			PC	10~15A 5A CT
			6-35KV PC	“ ” “ ”
			6-35KV PC	
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				“ ” BP-2B RCS-915
				“ ”





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120A

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TFT

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0 120A
10A
450VA
900VA
10s

0 1000Hz
0 20

0.5

0 ±10A / 0 ±30A /
20V

0.2

0 120V
0 240V
/ 80VA / 100VA
0 1000Hz
0 20

0.5

0 ±160V
0 ±320V
/ 70VA / 140VA

	8	1 20mA 24V “ 0 ” 0 +6V “ 1 ” +11 V +250V
	4	DC 220V 0.2A AC 220V 0.5A
		0.1ms 9999s 0.1mS

LCD

Windows

6.4"TFT

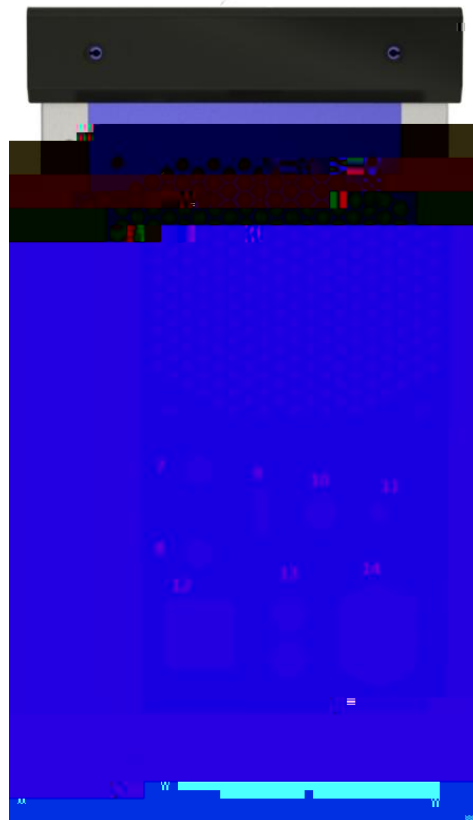
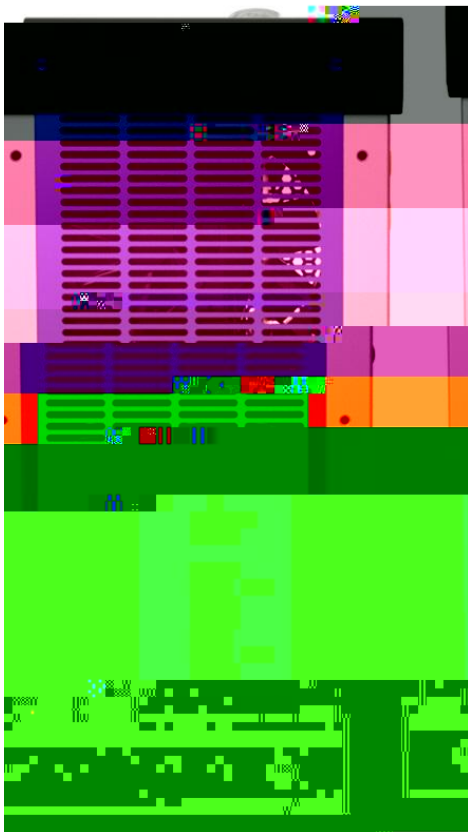
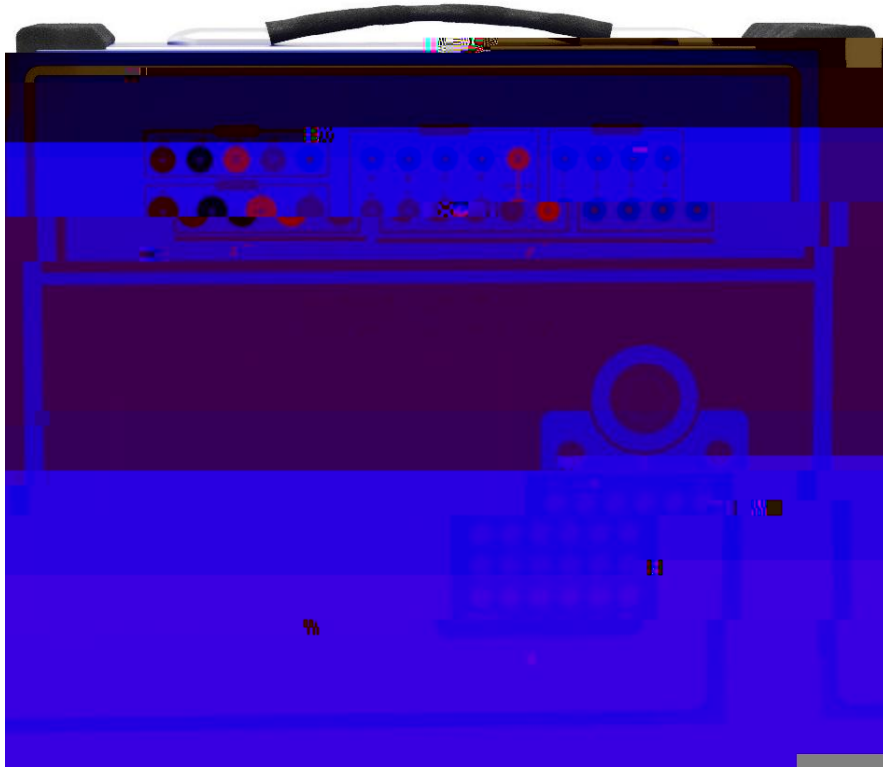
0 250V

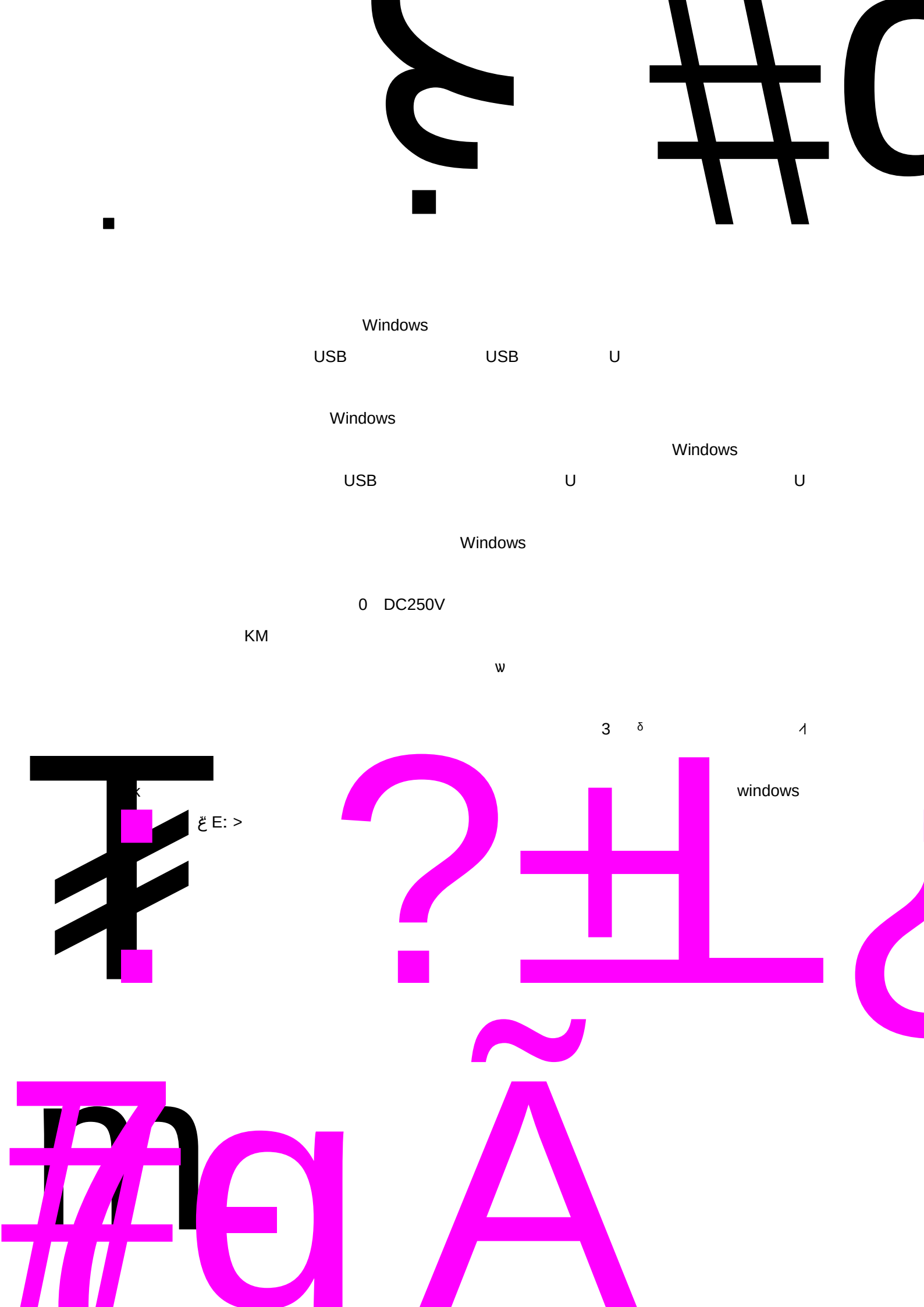
0 6V

11 250V

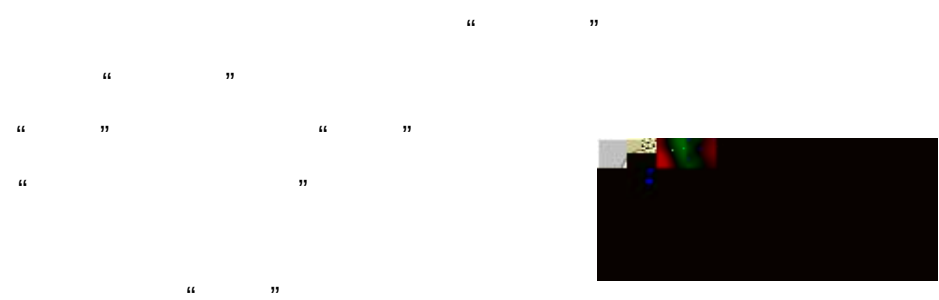
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ESC ESC

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Tab Tab

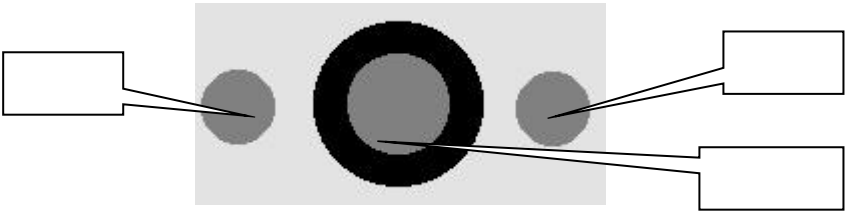
1 2 3 4 5 6 7 8 9 0 . -

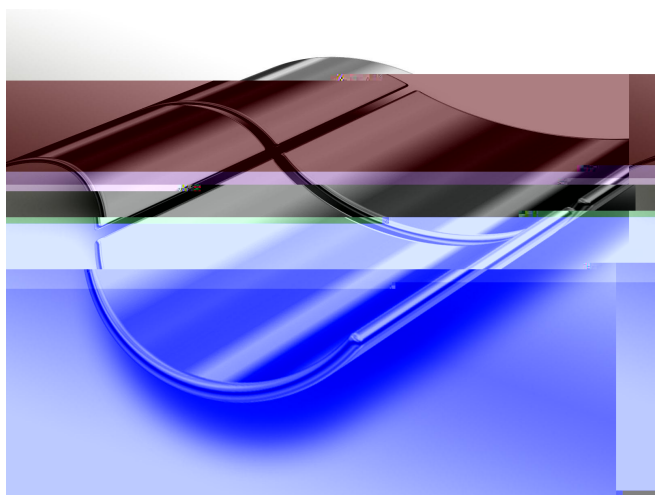
←→

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Windows

Windows





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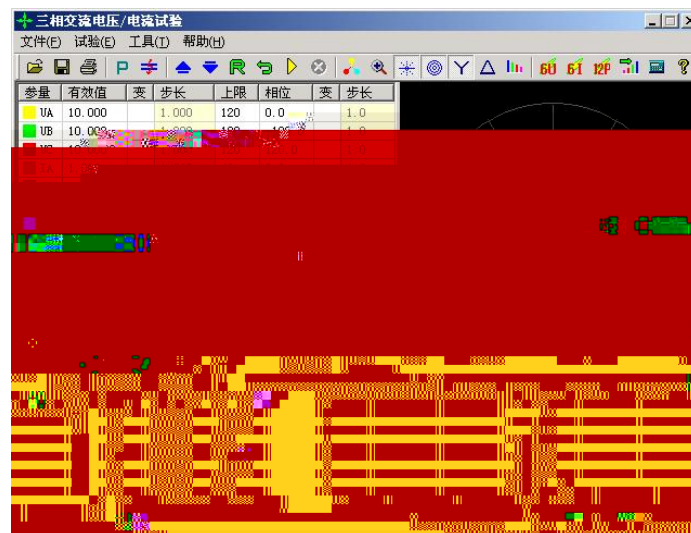
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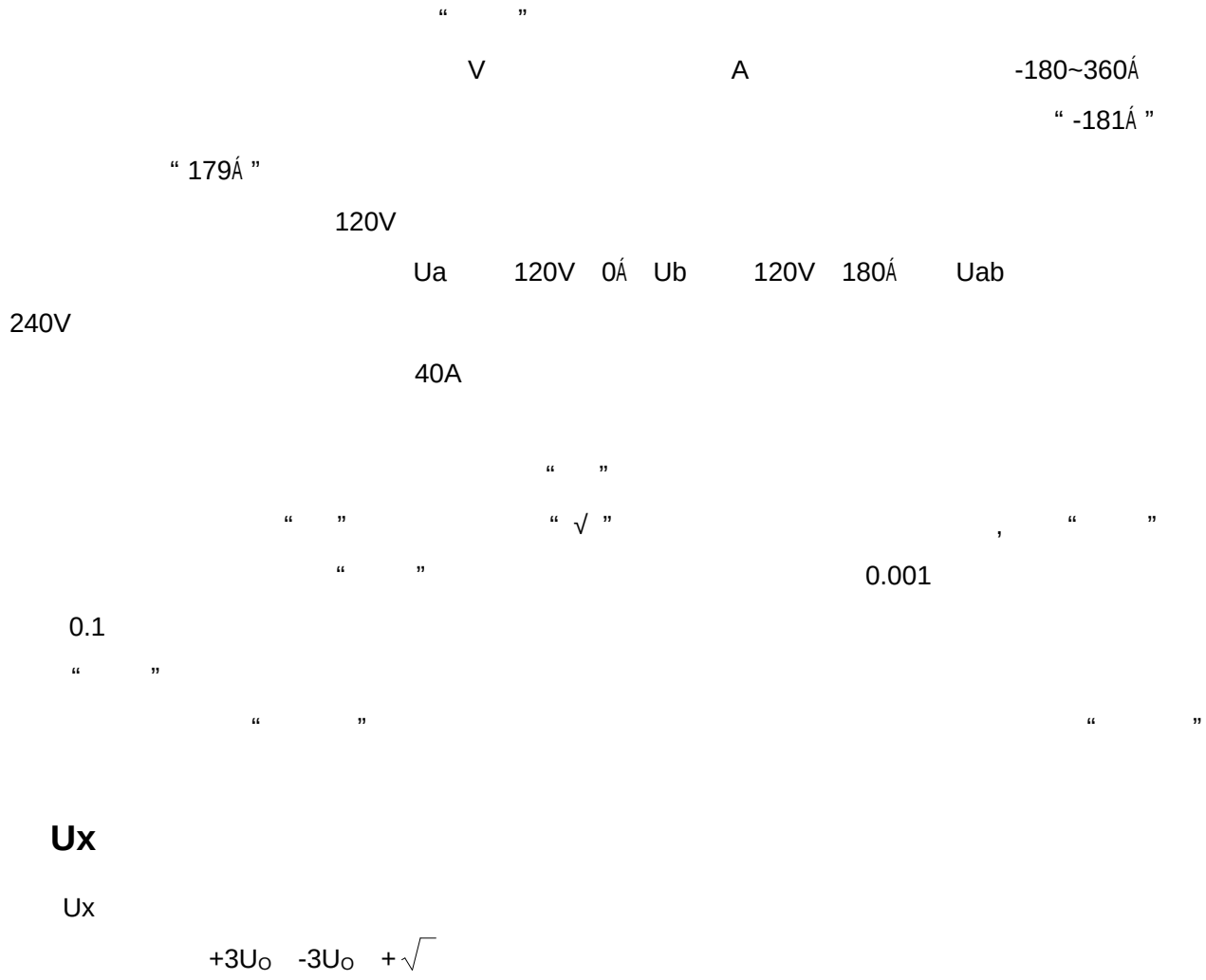
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110V 220V

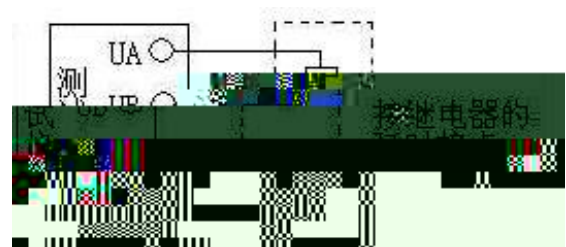


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UA=110V UB= 110V

UA UB

220V

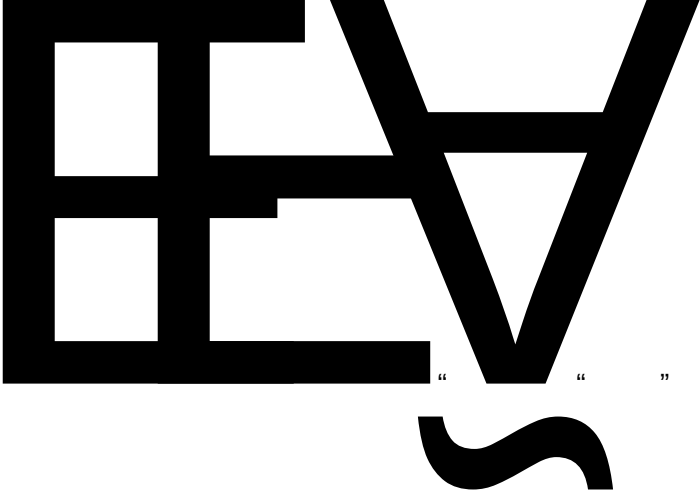


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UAB

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U_x

U_x

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U_A U_B U_C

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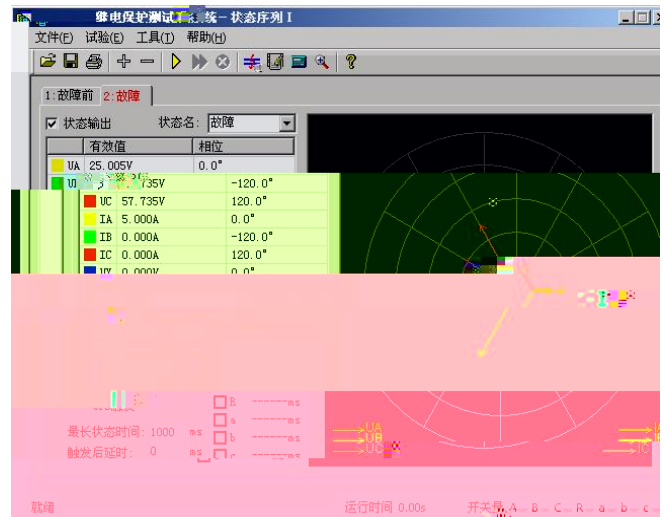
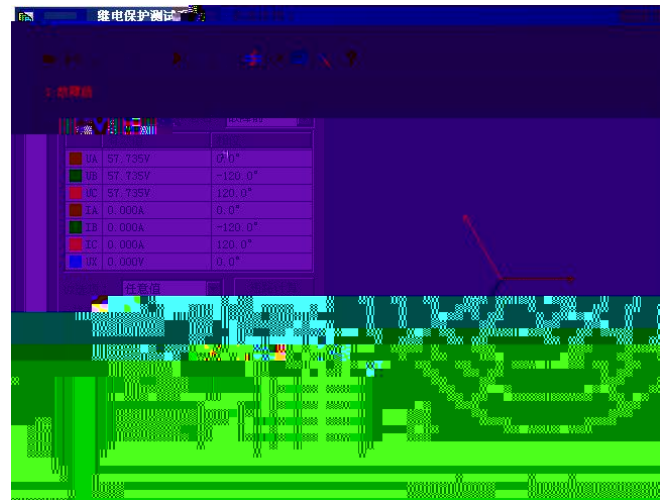
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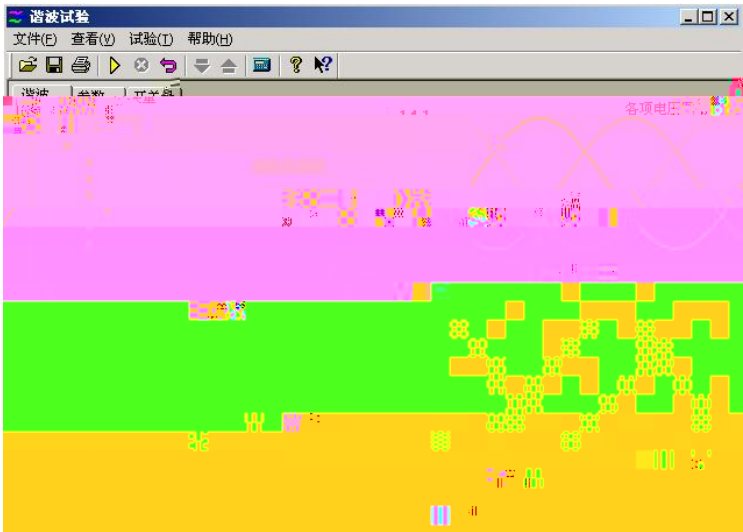
“ ”



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UA UB UC IA IB IC 2 20



0

设置谐波含量			
数据项	谐波名	幅值V	相位 °
UA	直流	0.000	0.0
UB	2次	0.000	0.0
UC	3次	0.000	0.0
IA	4次	0.000	0.000
IB	5次	0.000	0.000
IC	6次	0.000	0.000
	7次	0.000	0.000



刷新

清零

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2~20

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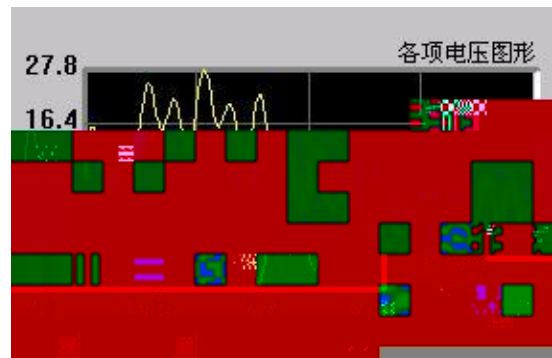
“ 0 ° ” B

“ 120 ° ” C

“ 120 ° ”

3

A



-160~160V

0~120V

-10~10A

0~40A

120V 40A/30A

120V 40A/30A

A

20

“ ”

A

“ ”

V

“ ”

谐波	参数	开关量
变量选择		
变量	UA	
波形	2 次谐波	
幅值步长	1.000 V	
相位步长	0.000 °	
谐波表示方法		
☒ 以幅值表示		
☐ 以基波的百分比表示		
变化范围、时间		
变化初值	0.000 V	
变化终值	120.000 V	
变化时间	1.000 s	
变化方式		
☒ 手动变化		
☐ 自动增加		
☐ 自动减少		

“ ” “ ” “ ” “ ”

“ ” “ ” “ ” “ ”

10V “ ” 2 2V
 “ ” 2 20

A B C R a b c
 “ √ ”

5ms

A IB a
 IN

IA

IA A

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20%

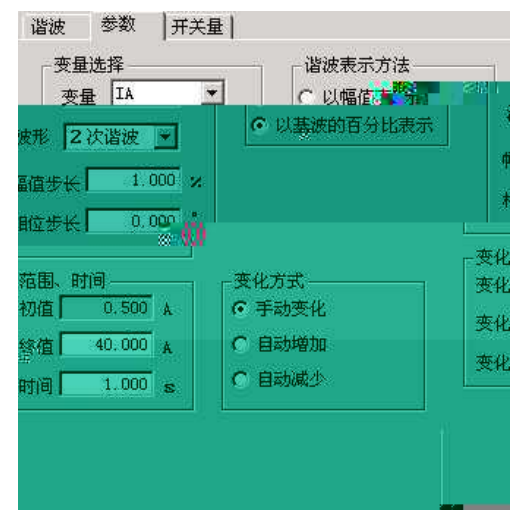
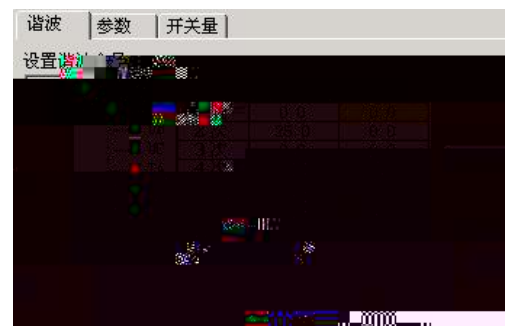
“ ” “ ”

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2 25% 20%

“ ” IA “ ”
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IA



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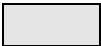
df/dt

df/dt

df/dt

50Hz

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“ dv/dt ”

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dV/dt

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“ ” “ ” “ ” “ ”

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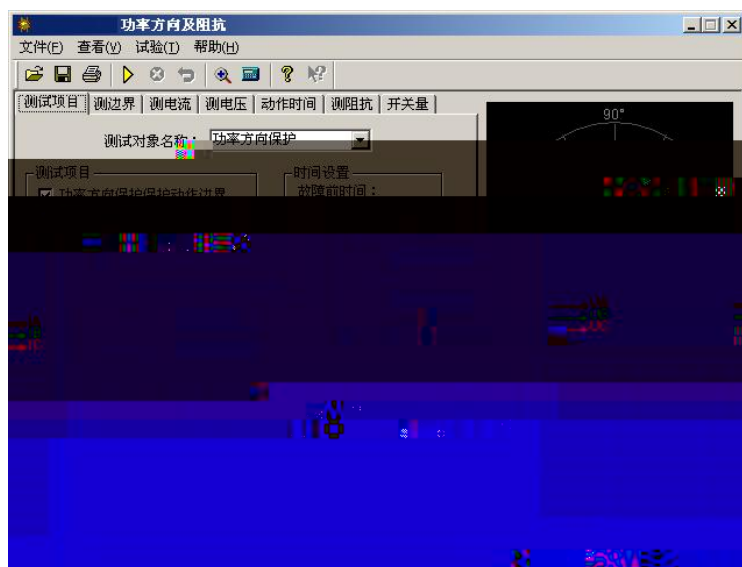
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网络钓鱼诈骗

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 U0 I0 U2 I2

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 U2 I2 U2

I2

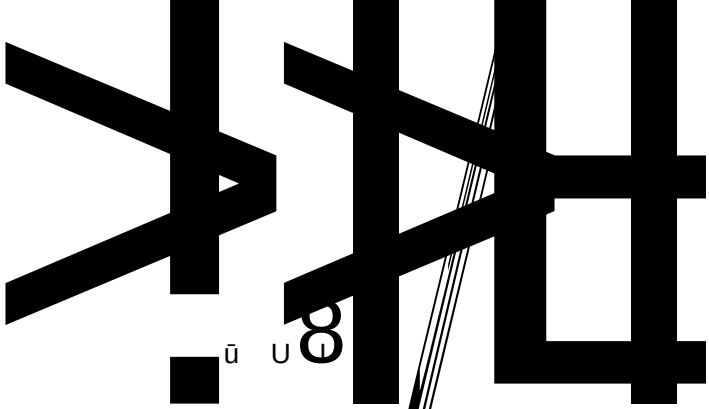


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135ÁÒ ù Ò45Á

X/Y

45Á 135Á

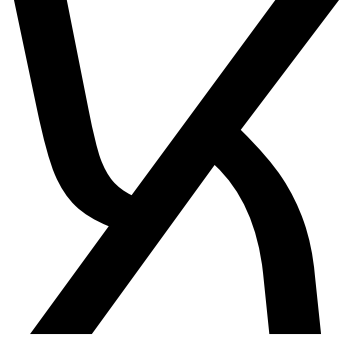
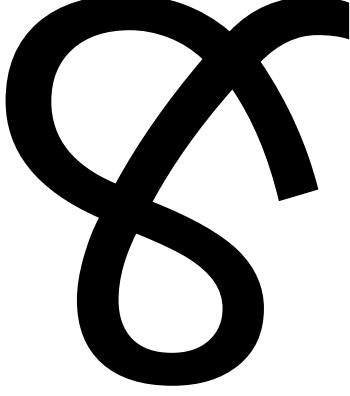
45Á 135Á

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 49.9Hz 50Hz OÁ
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 i з j | UA ڤ ó i з j | UC ¢



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$\bar{w}$

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$$Tw = 1 / b f_1 - f_2 b$$

t

f_2

A a

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B b

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$$K_{OX} = (X_0 / X_1 - 1) / 3$$

$$K_0 \quad \Phi$$
$$\Phi(Z1) \quad \Phi(Z0)$$
$$PS1=PS0$$

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Kor Kox Ko

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V 57.7V PT

0V PT

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PT

PT

V 57.7V I=0A PT

V 0V I=0A

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“										“	A”	“	B”
“	C”												
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	1											1	
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2													
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Ux

Ux

Ux		+3U0	-3U0	+√3 × 3U0	-√3 × 3U0	□	Ua	Ub
Uc	Ubc							



AN BN CN AB BC CA ABC

U

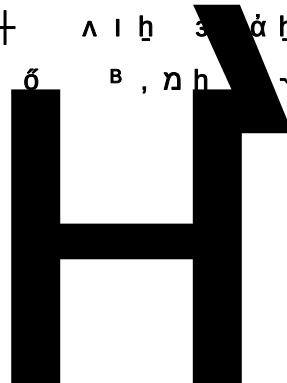
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1. δ h + c e η ' H κ φ η ' H š + λ ι h ε á h ρ η
η η ι ε λ z δ 6 η đ λ z 57.7 V Ö δ μ ! Q δ B , n h λ δ ð
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57.7V

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WBC • 41

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	0.8	0.95	1.05	1.2	
0.95	1.05			0.8	1.2

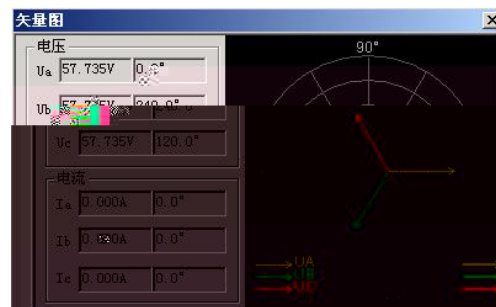
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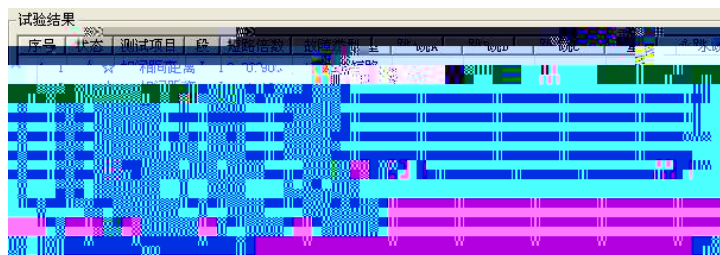


A B C

A B C R

A B C

R



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II III

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A B C

A B C

AC

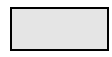
BC

C C C A B

C A

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“ ” A B C R “ ”
A B C R A B C “ ” A B C
R

R X
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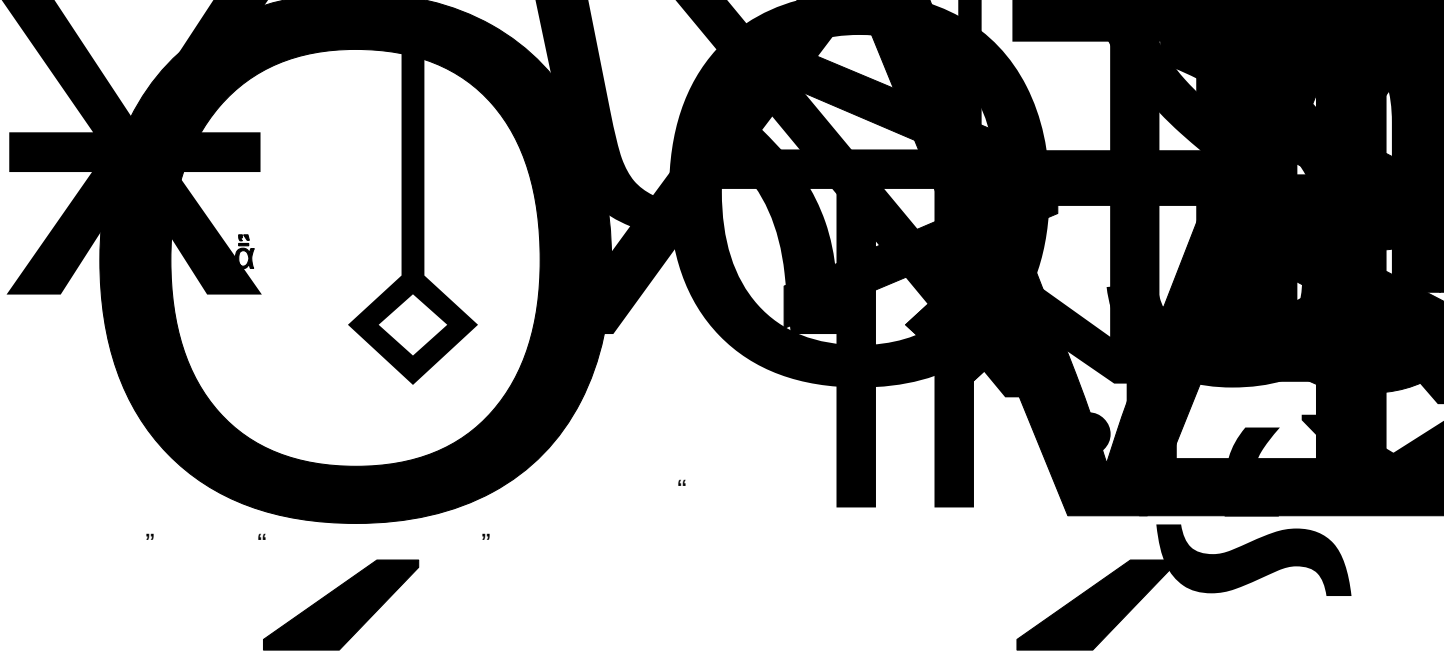
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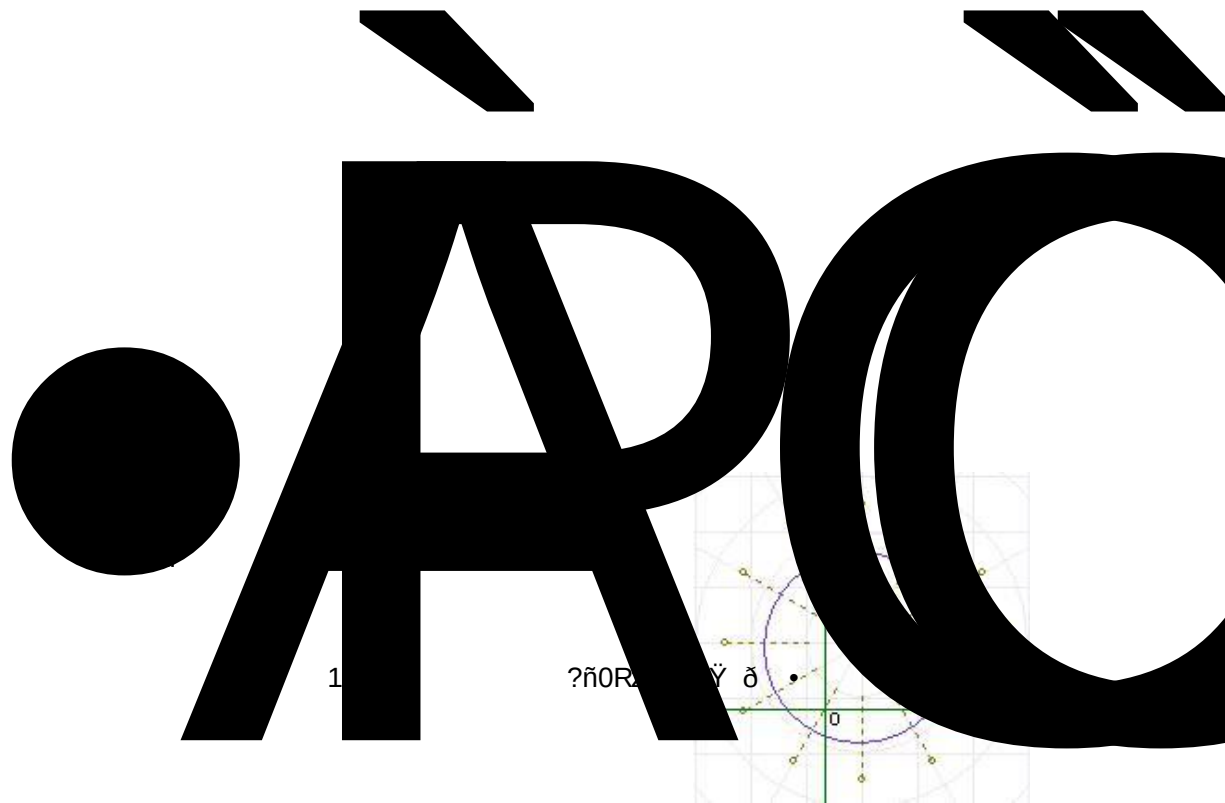
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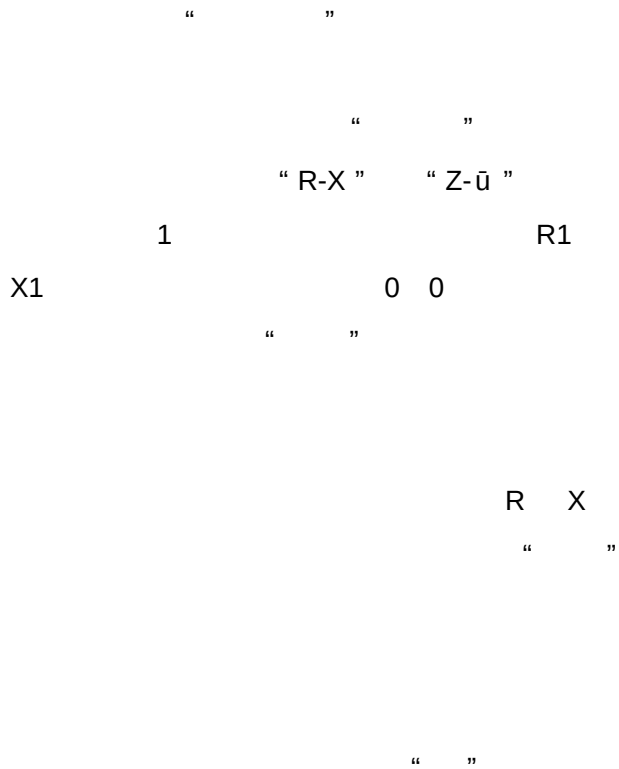
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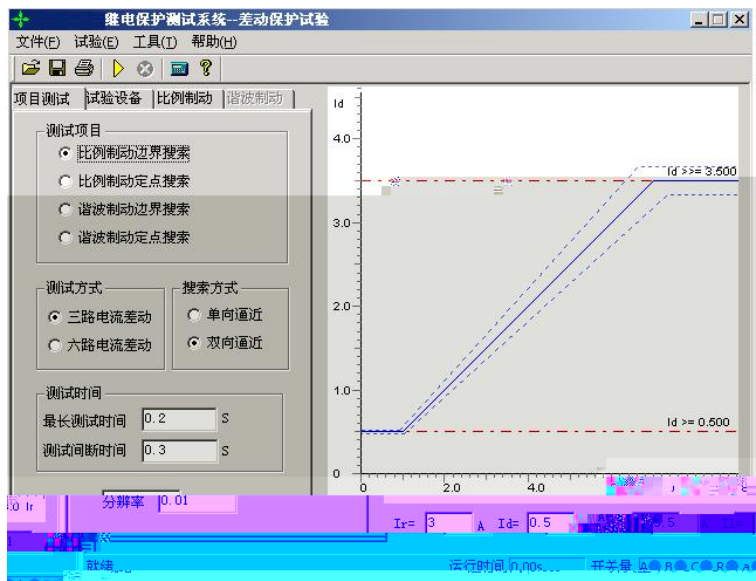
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RCS-978

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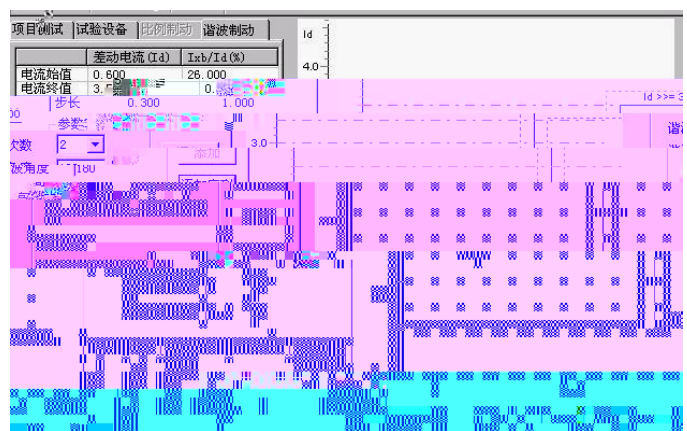
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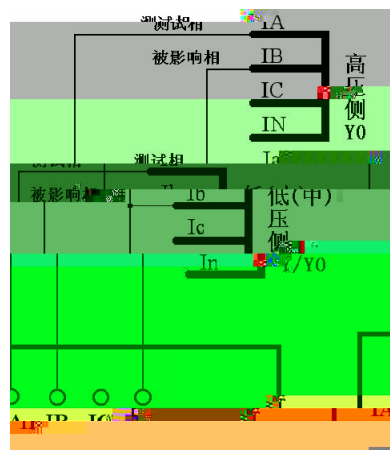
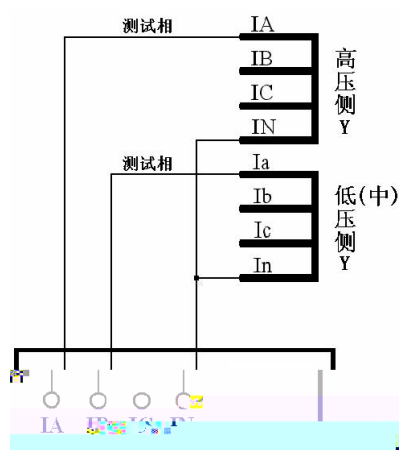
4

I_{xb} / I_d

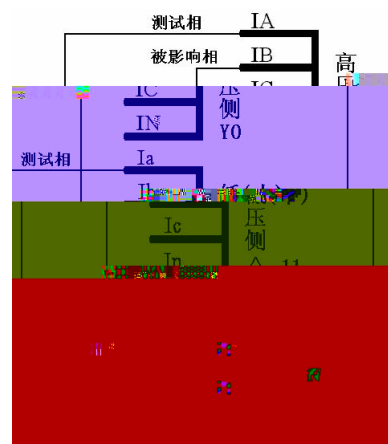
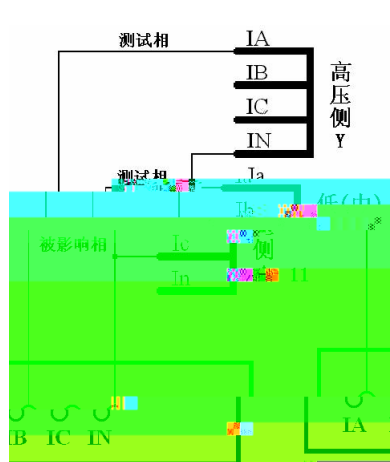
I_{xb} / I_d



1 Y Y0 /Y Y0



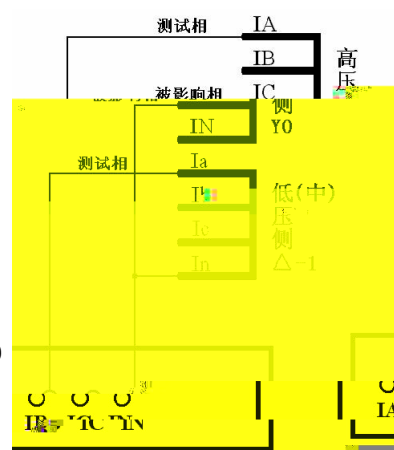
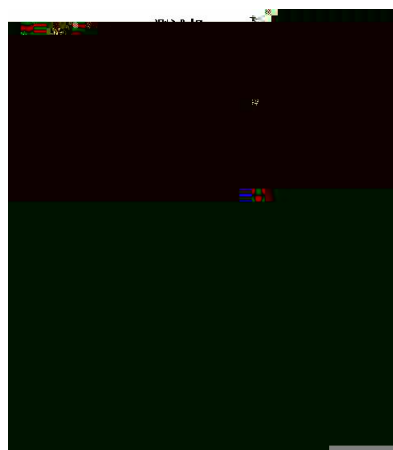
2 Y Y0 / -11



$$Y, \quad IA\hat{0}=IA-IB \quad IB\hat{0}=IB-IC \quad IC\hat{0}=IC-IA$$

$$Y0, \quad Ia\hat{0}=Ia-Ic \quad Ib\hat{0}=Ib-Ia \quad Ic\hat{0}=Ic-Ib$$

3 Y Y0 / -1



• 3 3 “ ” 3 40A 2A A 0.3 ñ ò Ĩ =

70

$$K2=1.732 \quad U3n \quad C \quad U1n \quad CT1$$

$$K1=1$$

$$K2=Ie1/Ie2$$

$$K2=Ie1/Ie3$$

K1	K2	K3	—	I	II	III		
Ie1	Ie2	Ie3	—	I	II	III		
U1n	U2n	U3n	—		I	II	III	
CT1	CT2	CT3	—	»	I	II	III	CT

RCS-978

$$Kph=Kb \cdot I2n\text{-min} / I2n \quad Kb=\min \quad I2n\text{-max} / I2n\text{-min} \quad 4$$

$$I2n \quad I2n\text{-min}$$

$$I_d = |I_1 + I_2 + I_3| \quad I_r = \text{Max}\{|I_1| \quad |I_2| \quad |I_3|\}$$

$$K_1 = 1 \quad K_2 = U_{2n} \quad CT_2 / \quad U_{1n} \quad CT_1$$

$$K_3 = U_{3n} \quad CT_3 / \quad U_{1n} \quad CT_1$$

ISA **Y/Y/ -11-12**

$$I_d = |I_1 + I_2 + I_3| \quad I_r = ||I_d| - |I_1| - |I_2| - |I_3||$$

$$K_1 = 1.732 \quad K_2 = 1.732 \quad d_{35} \quad K_3 = d_{36}$$

RCS-9671 **Y/ -11**

$$I_d = |I_1 + I_2| \quad I_r = |I_1 - I_2|/2$$

$$K_1 = 1 \quad K_2 = U_{2n} \quad CT_2 / \quad U_{1n} \quad CT_1$$

RCS-978 985 **Y/ -11**

$$I_d = |I_1 + I_2| \quad I_r = \text{Max}\{|I_1| \quad |I_2|\}$$

$$K_1 = 1 \quad K_2 = I_{e1}/I_{e2} = U_{2n} \quad CT_2 / \quad U_{1n} \quad CT_1$$

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IA IB

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☒ 接点A	☐ 接点a
☐ 接点B	☐ 接点b
☐ 接点C	☐ 接点c
☐ 接点R	

IA IB
IA IB

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Kh Kl

Ido

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Ido Kxb Kh

IA1

IB1

Kxb

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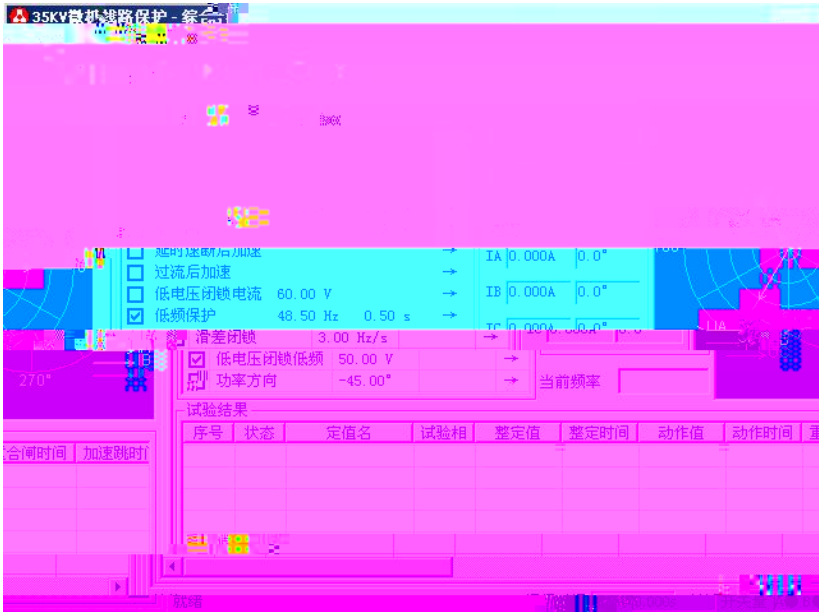
IA1/ Kh

IB1

Kl

6-35KV

6 35KV





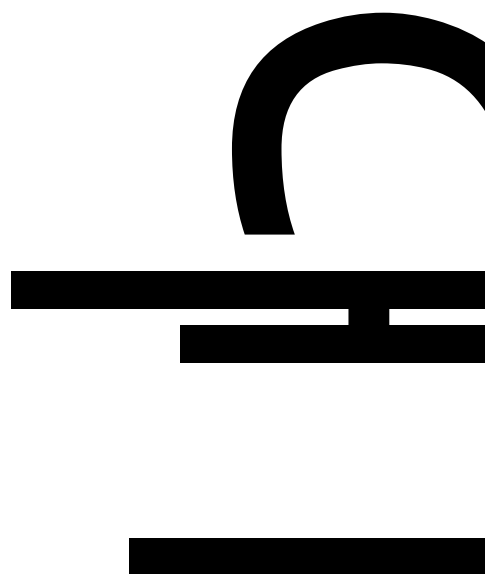
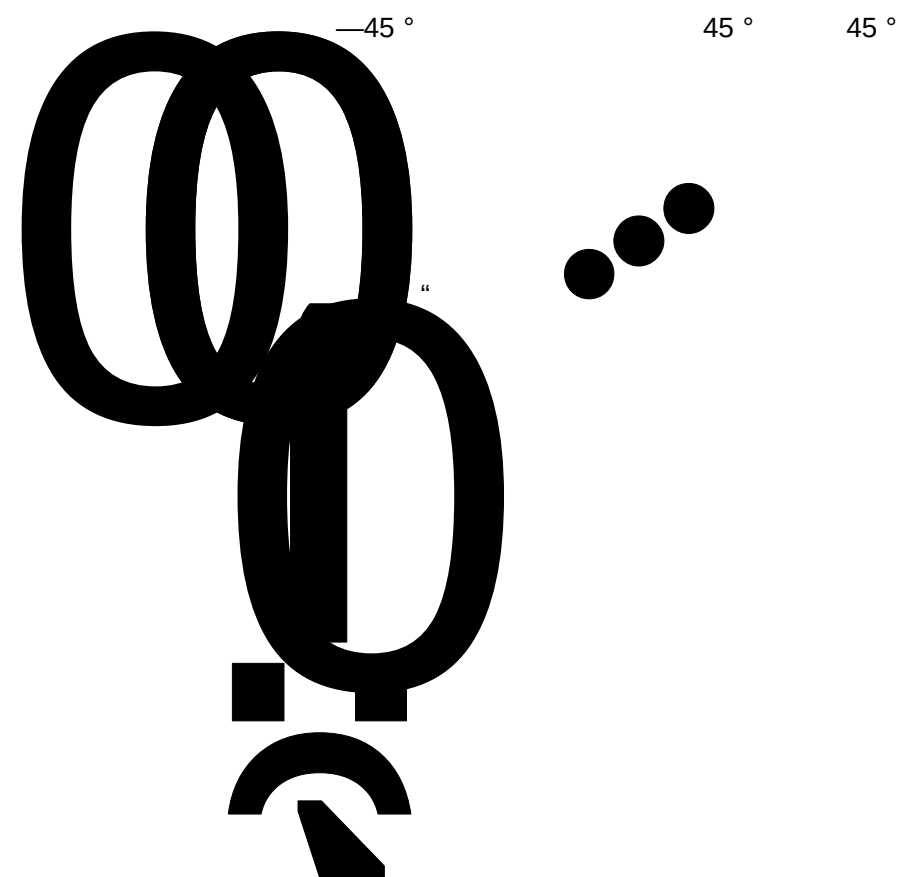
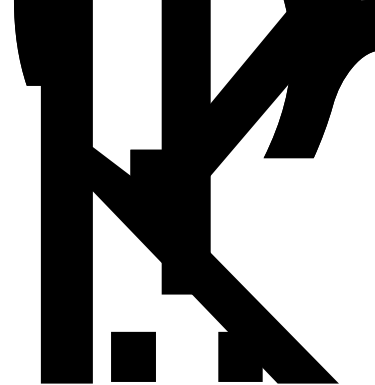
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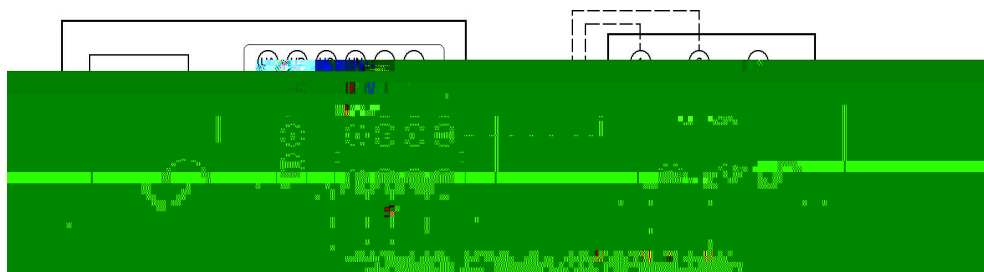
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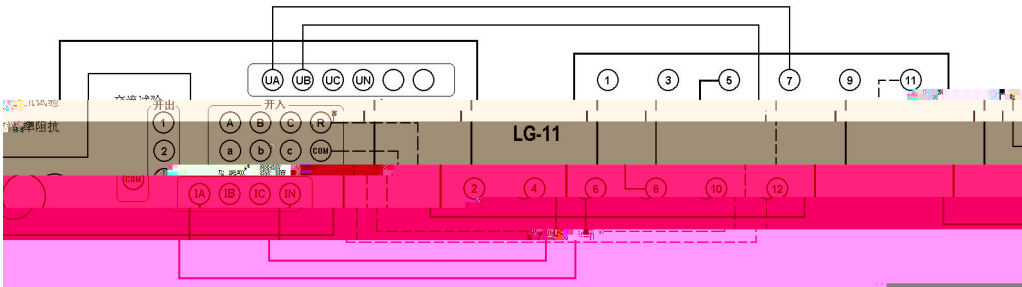
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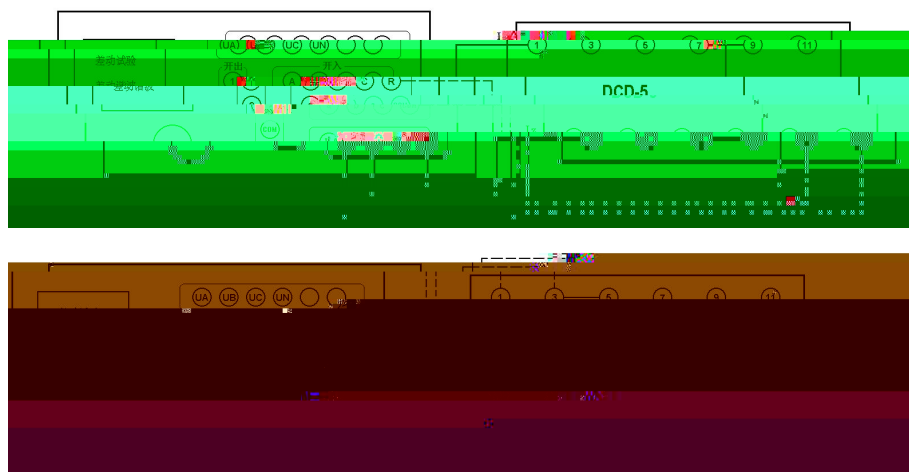
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