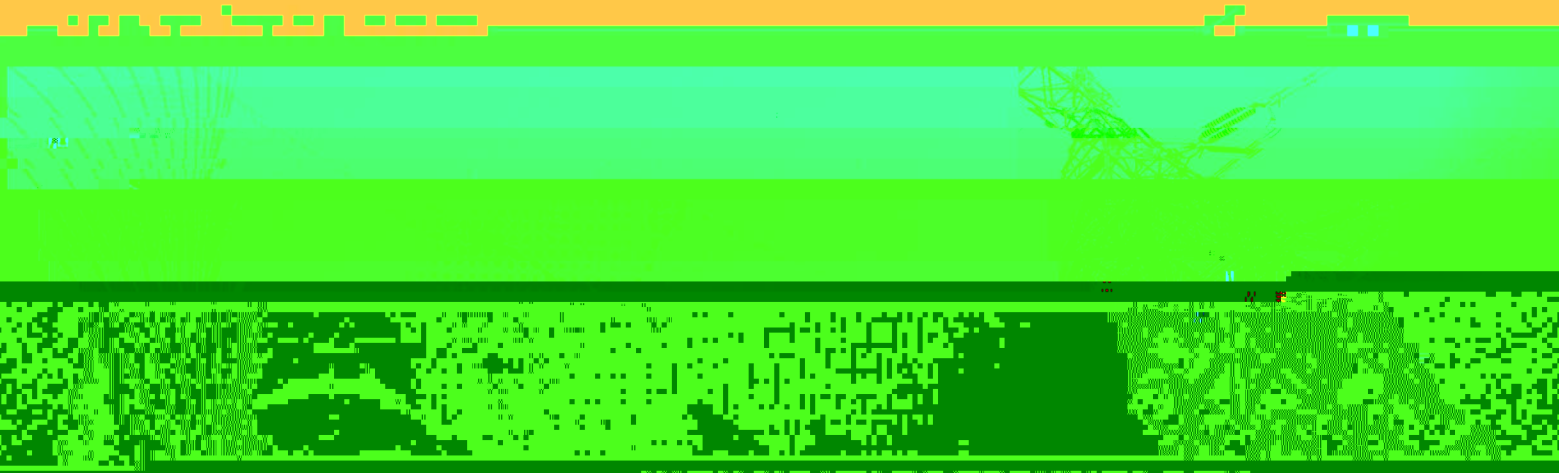




HIGH VOLTAGE TECHNOLOGY

CTV

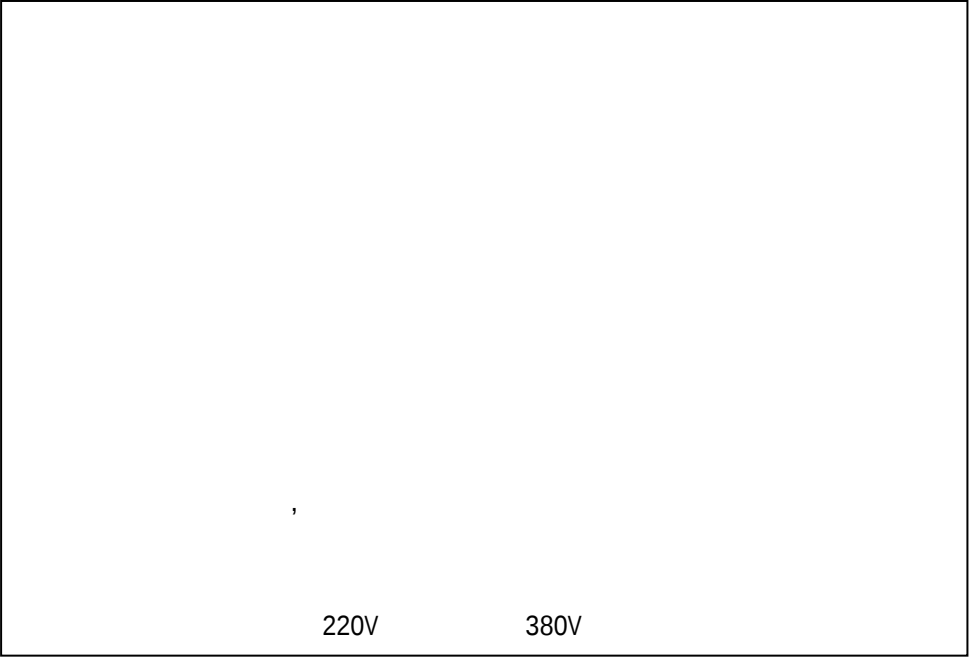
High Voltage Technology

2014

2014

2014

HAINAN JINAN SCIENCE & TECHNOLOGY CO., LTD.



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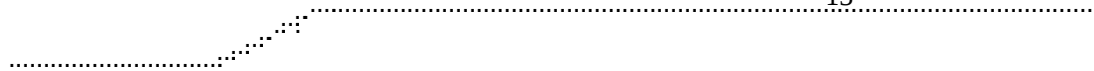
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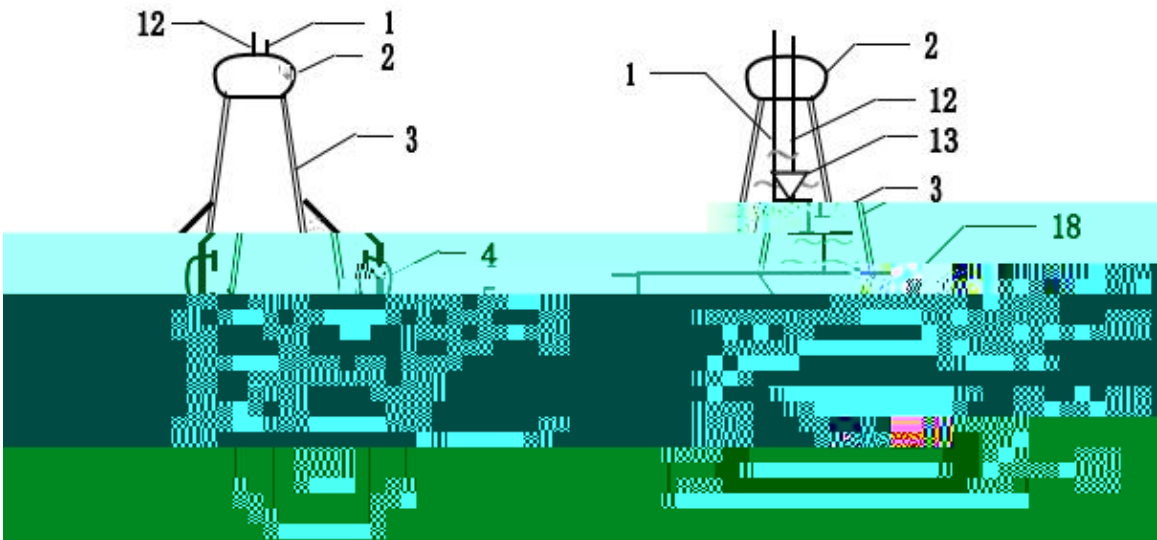


TDM(G)

ZBK-41006-89

1

2



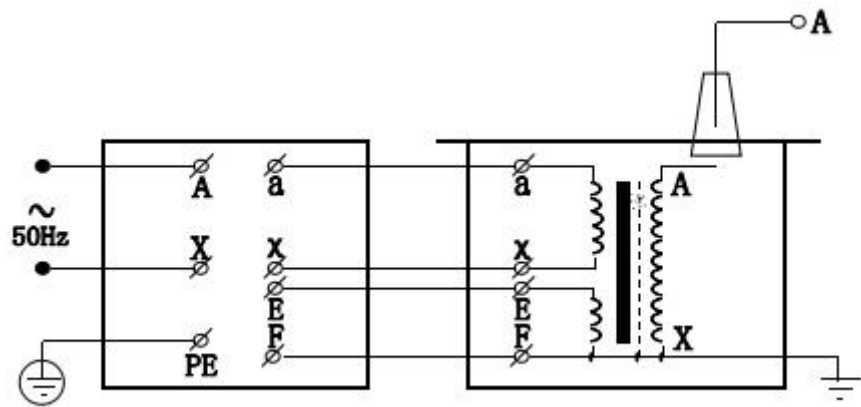
1

"

0~200V(0~400V)

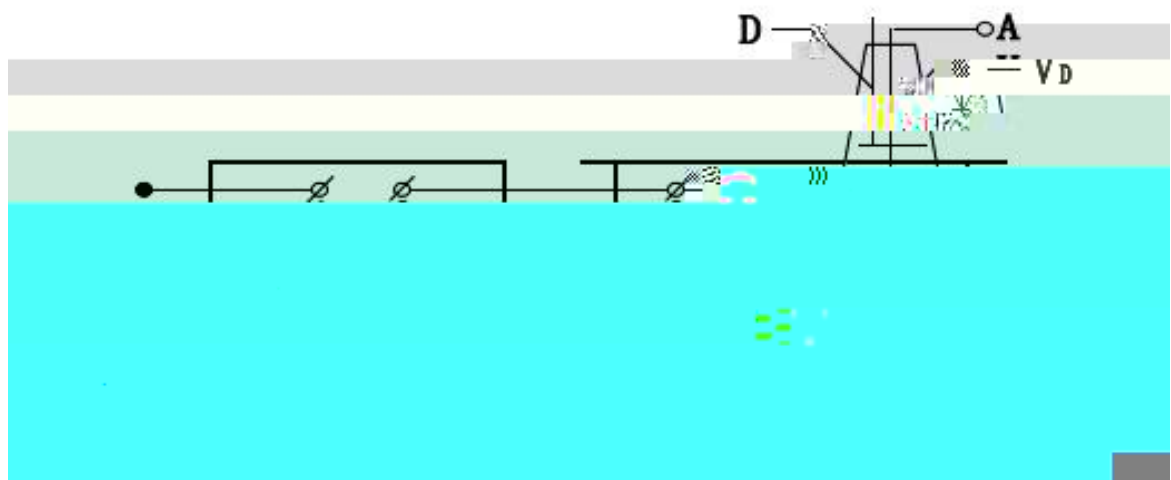
a.

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3

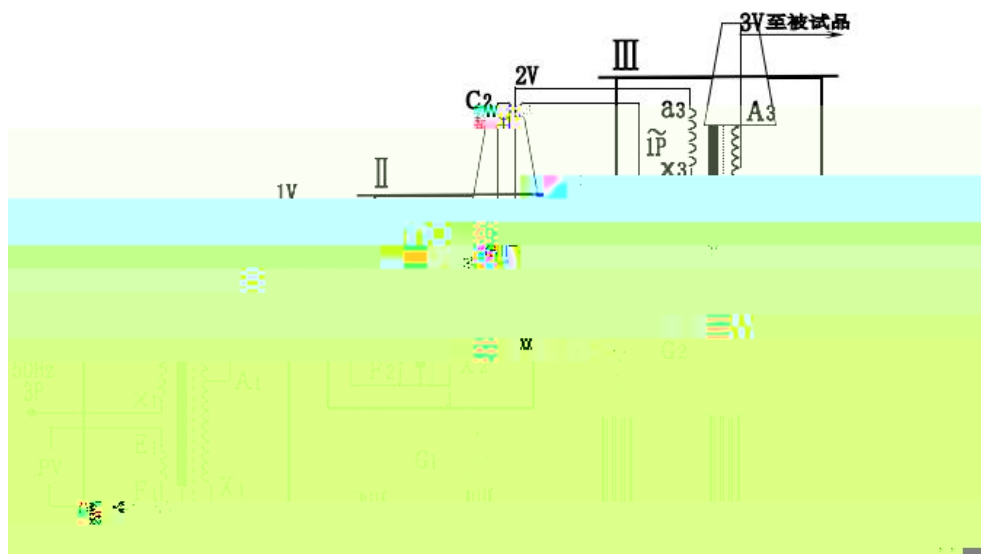
4



4

D—

VD—



$P = \frac{5}{\sqrt{3}} \text{ (kVA)}$
 $V = \frac{5}{\sqrt{3}} \text{ (kV)}$
 $G1 = G2 = \frac{5}{\sqrt{3}}$

5

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E

E O V

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 $\wedge$

BP1

@P

CX— R1— FRC— RF— G—
 100~300mA R1 1A
 1Ω/V() 0.5~1Ω/V() 150kV/m
 () (110%~120%)
 1Ω/V()
 ()

(6) FRC

1

2

3

4

5

1min

1/3

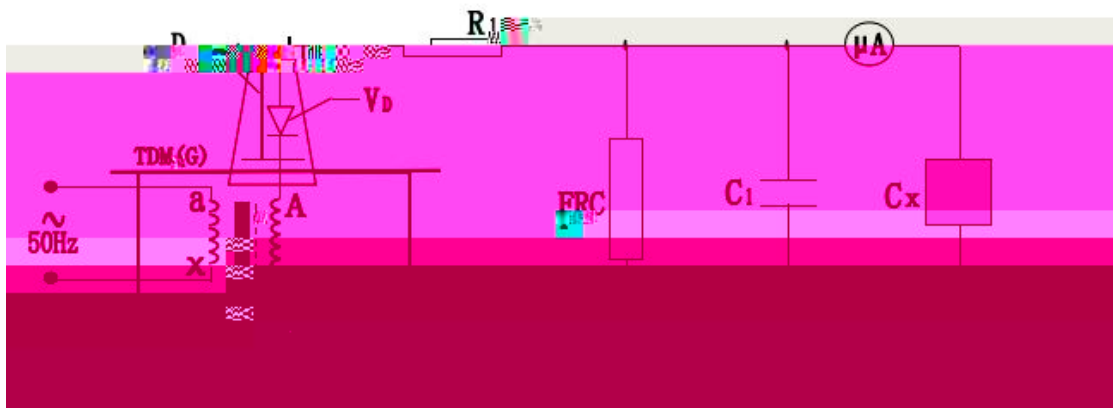
6

7

b.

7

“ D ” 7



7

VD— R1— C1—
 FRC— CX— μA—
 R1

100mA 60kV

$$R1=60/0.1=600k\Omega$$

> 0.01~0.1 μF

C1

C1

low frequency

high frequency

Y

> 0.01~0.1 μF

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or X

6 9

57 ΓX

EC9

Λ 0 ΓK 2 } 2#0

0 j

7 6u' u 1-2

60s

75%

2%

GB311-83

	1kVA~6kVA	0.22kV
	10kVA~300kVA	0.22kV 0.38kV
2	H9840	
3	FRC—50 100 150 200kV	
4	FD—70 140 210kV	
5	2DL—150 300 450kV	
6	50 100 200 300kV	
7	0.01 μ F~0.1 μ F 40~100kV	
8		
9	Q—50 100 150 200 250 500	
10	400ml	
11		
12	150 300	
13		
14	10 35kV	
15	10 35 110 220kV	
16		

Pn

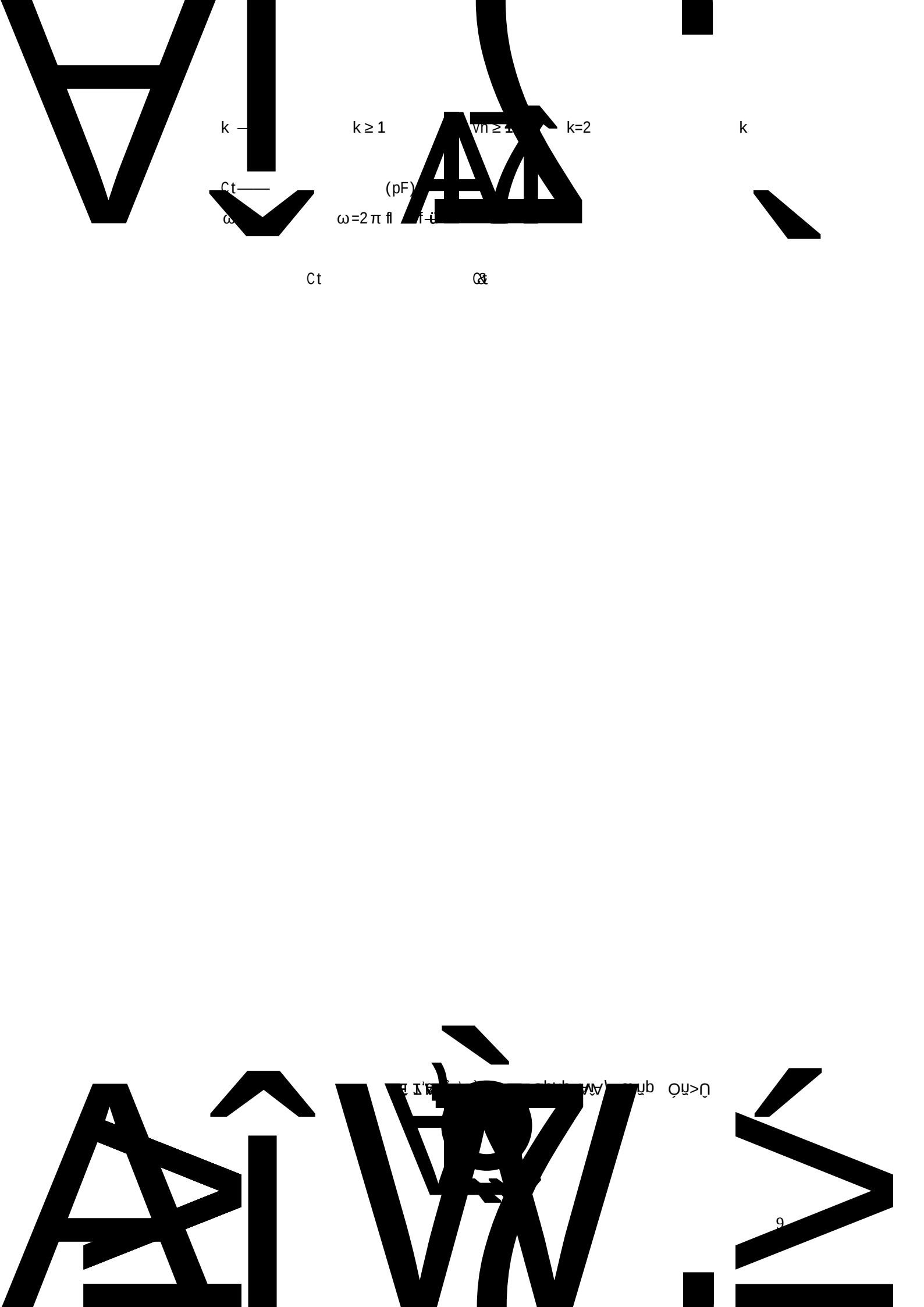
$P_n = k V_n 2 \omega C t \times 10^{-9}$

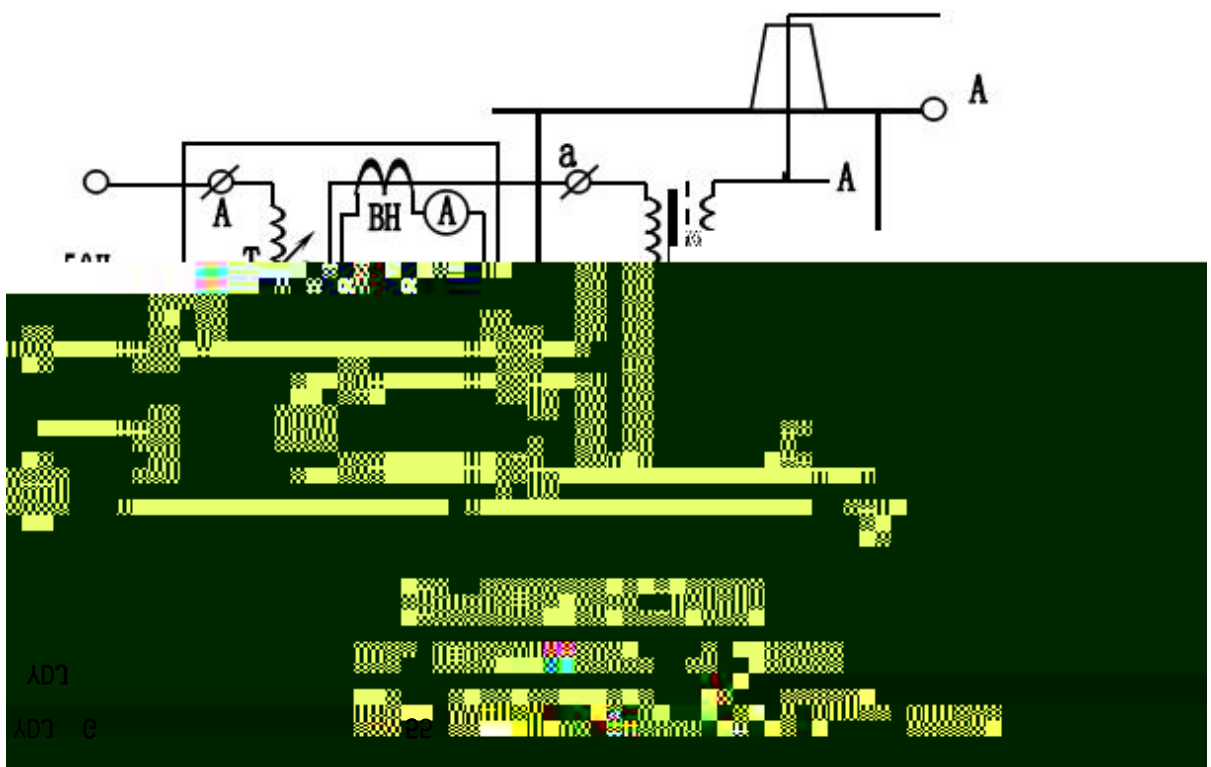
Pn——

(kVA)

Vn——

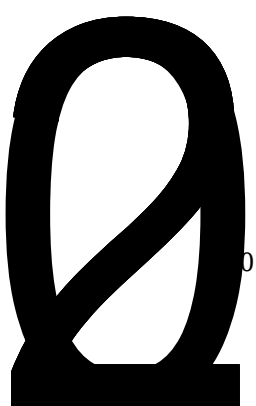
(kV)



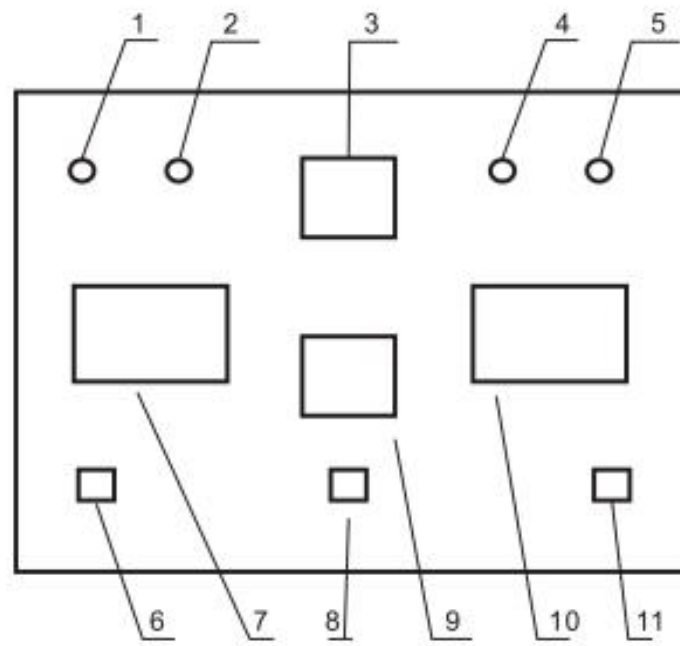


YDJ G

			(KVA)	KV	mA)	(V)	(A)	(/)	(30)
YDJ	G	1.5/50	1.5	50	30	200	7.5	500	10
YDJ									



YDJ	G	50/150	50	150	333	380	132	1000	10
YDJ	G	100/150	100	150	667	380	263	1000	10
YDJ	G	50/200	50	200	250	380	132	1000	10
YDJ	G	100/200	100	200	500	380	263	1000	10
YDJ	G	150/200	150	550	1				



1—
 2—
 3—

1

13—1

