



Single-Phase Earth Fault Integrated Solution

Contents

Single Phase Earth Fault Solution

02

1.1 + “ ”

Arc suppression coil + "active" line selection scheme

1.2 +

Arc suppression coil + parallel low-resistance resistor grounding scheme

Neutral Ground Product

06

2.1 KD-XH

KD-XH Type Phase-controlled Arc Suppression Coil and Line Selection System

2.2 KD-XHTZ

KD-XHTZ Type Tunable Inductance Arc Suppression Coil and Line Selection System

2.3 ZGNGR

ZGNGR Neutral Point Grounding Resistor Assembly

2.4 ZGMNGS

ZGMNGS Complete Set of Equipment for Grounding with Arc Suppression Coil in Parallel with a low-resistance resistor

Typical Application

13

3.1 + “ ”

Application Case of Arc Suppression Coil + "Active" Line Selection in Large-scale Power-consuming Enterprises

3.2 +

Application cases of arc suppression coil + parallel low-resistance resistor grounding

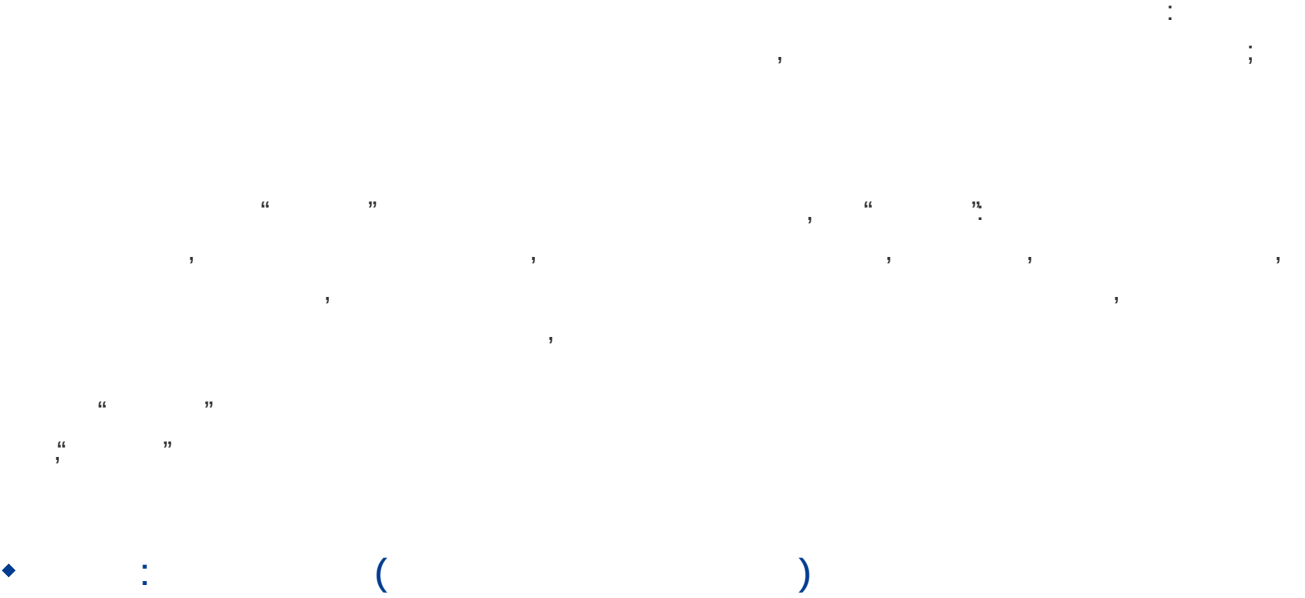
3.2

Typical Cooperative Users

Single Phase Earth Fault Solution

1.1

+“ ”



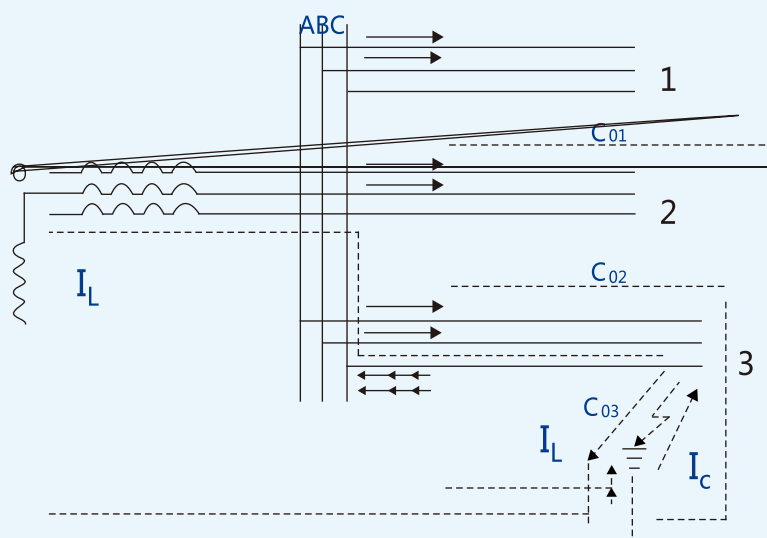
KD-XH

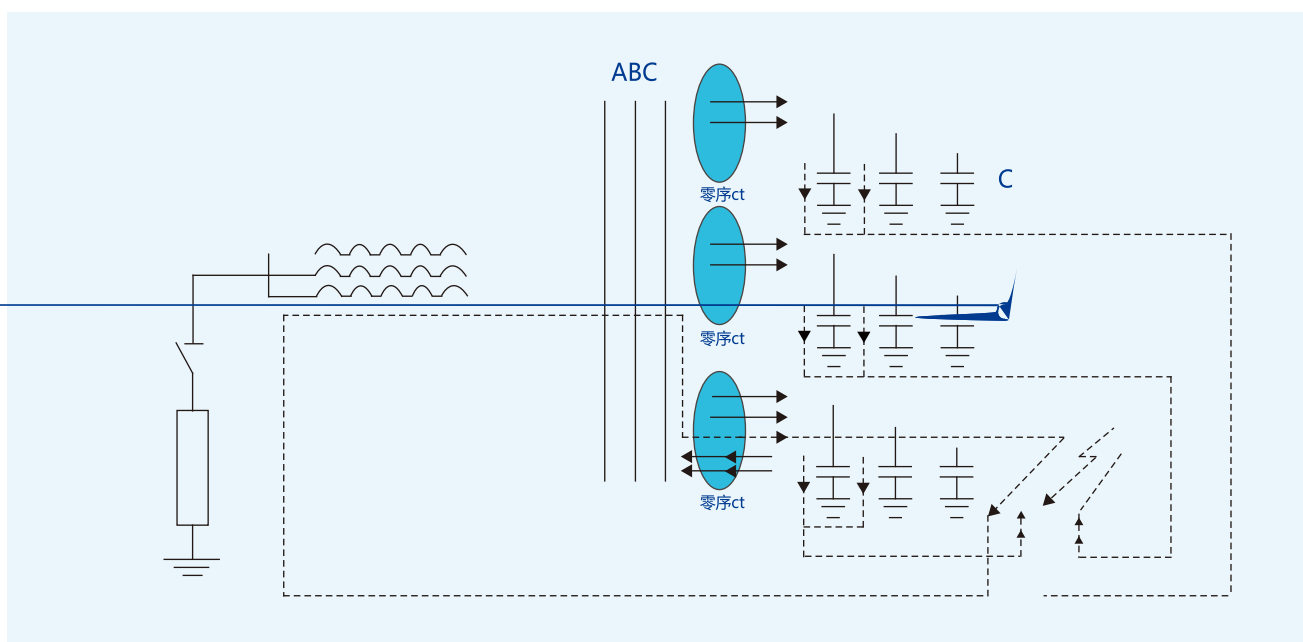
0 180

∞ 0

0

0~100%

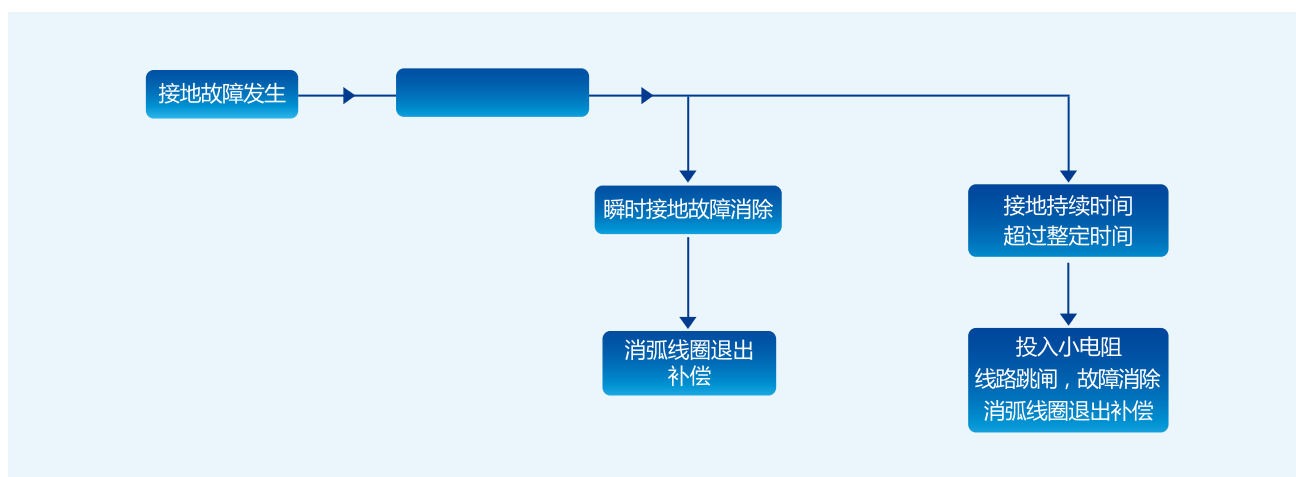
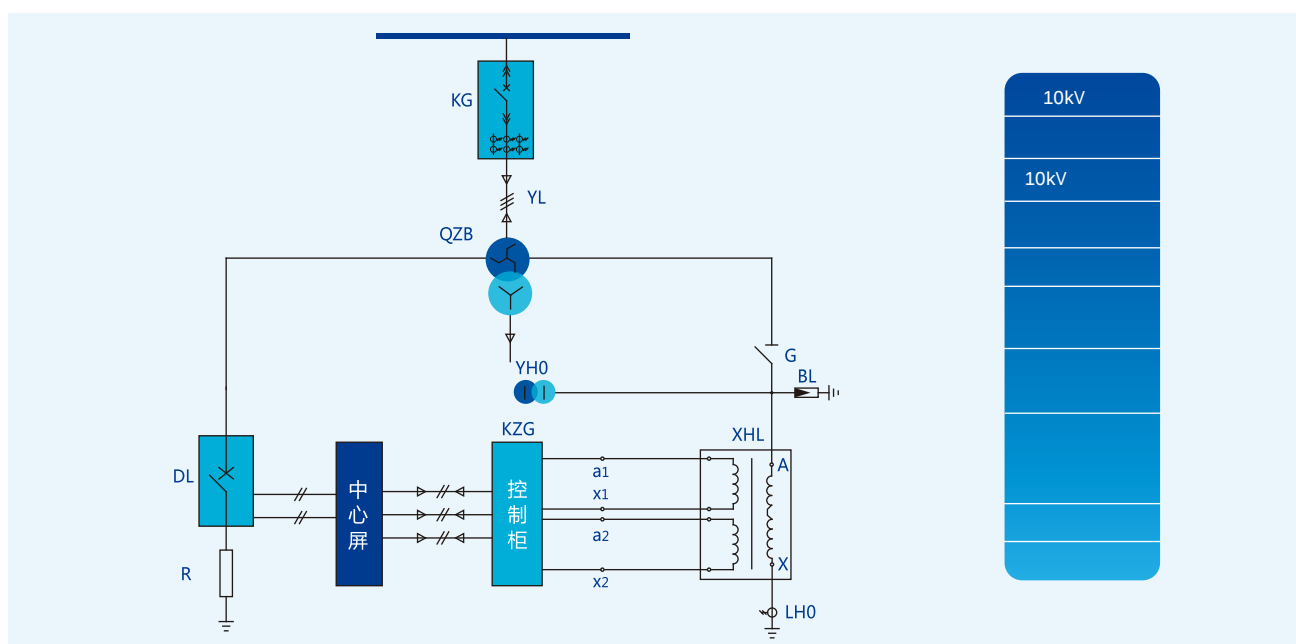




1.2

+

(5ms)



Neutral Ground Product

2.1 KD-XH



- KD-XH , 100%
- (SCR) ,
- " " ,



- ◆
 - 0~100%
 -
 -
 -
 -
- ◆

	6kV,10kV,20kV,35kV
	0~100%
	≤ 2%
	500
	40
	RS-232 RS485, 2400~19200bps

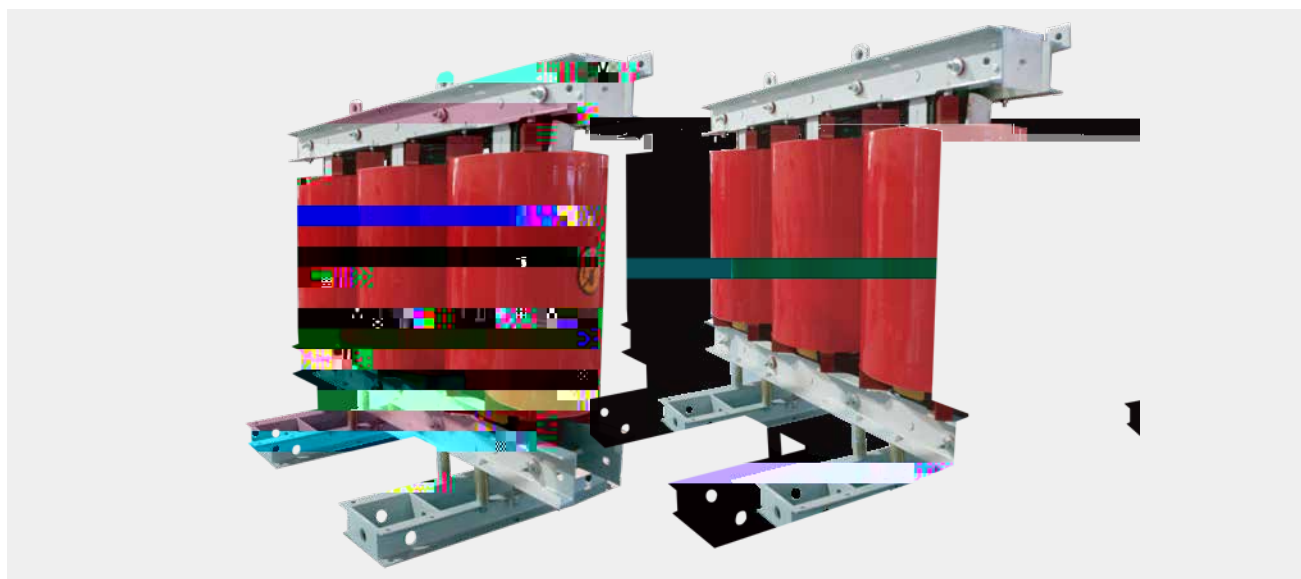


2.2 KD-XHTZ

- KD-XHTZ

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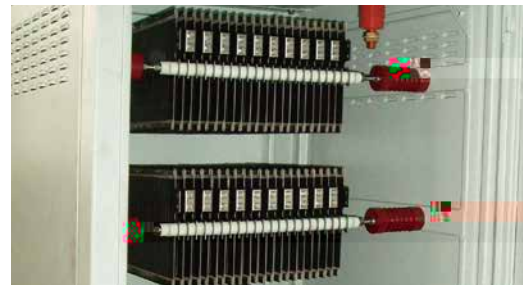
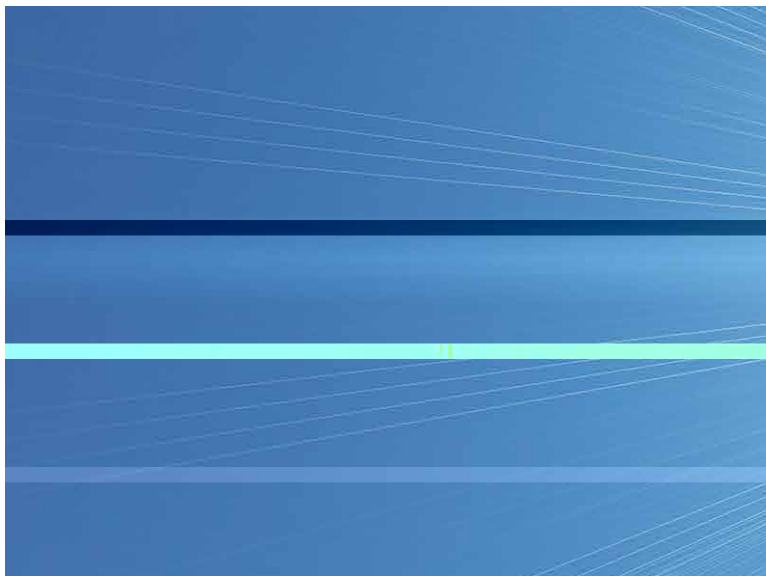
	6kV 10kV 20kV 35kV
	30%~100%
	≤ 2%
	500
	40
	RS-232 RS485 2400~19200bps



2.3 ZGNGR



- ZGNGR



700K

600K(

760K);

10s

1100°C

1450°C,

;

10s

10%,

;

6kV,10kV,20kV,35kV

2.4 ZGMNGS

◆

- ZGMNGS ,
- ZGMNGS ;



◆

- :
- :
- ,
- ,



Typical Application

3.1

“

”

,10kV/6kV

10kV

()

DDS



“

“

1# 110kV , 2 110kV , 6kV , 6kV , :

KD-XH01-400/6.3) 6 DDS “ + ” :

1. ||

971.2V 1268.4V 2060.2V 679.9V

“ ”

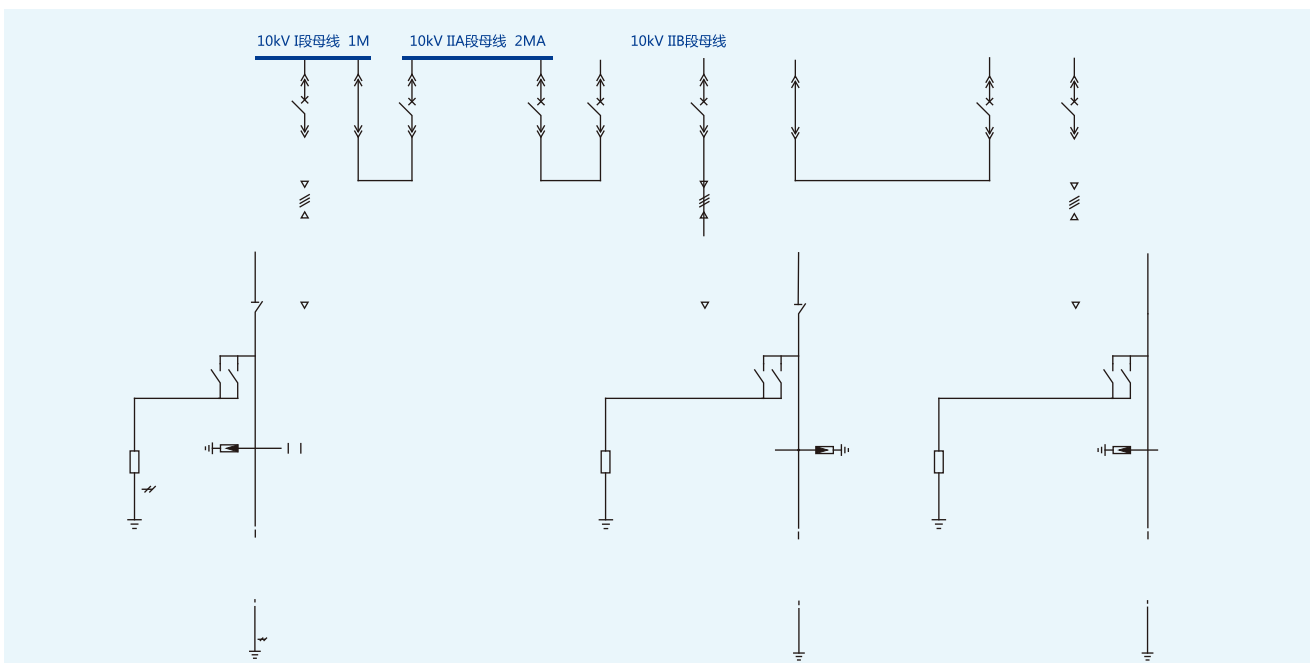
500 10000

3.2

+



, ; , 60%;





93% , 10kV 159 10s 148 ,
11 , 2# 9 ,3# 2 ,

10s , ,
4802V), (1351V , 11 , (



10kV 20kV ,
 ,
 ,

#1 6 20kV :

/					
/	6	7	8	9	6-9
	5	8	16	3	6





“

”

“



MORE...



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