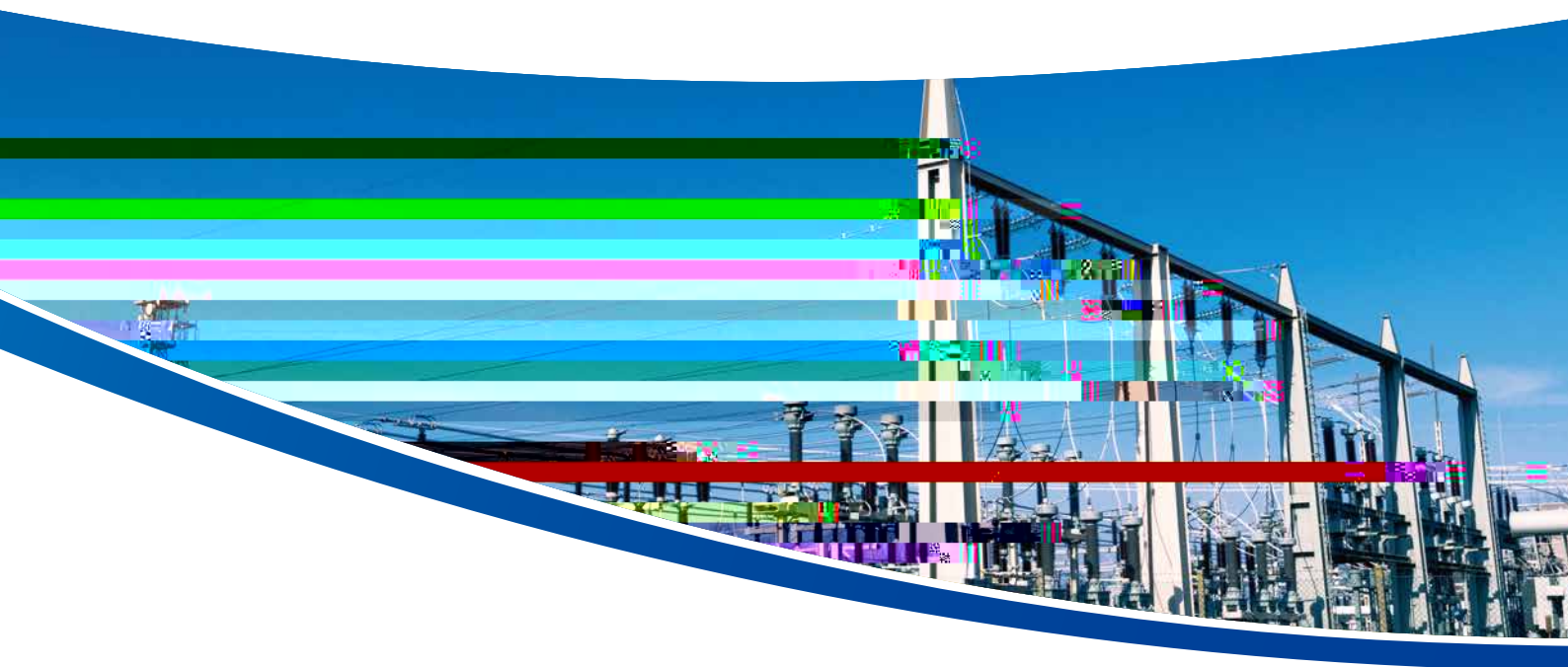




## Single-Phase Earth Fault Integrated Solution



# 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

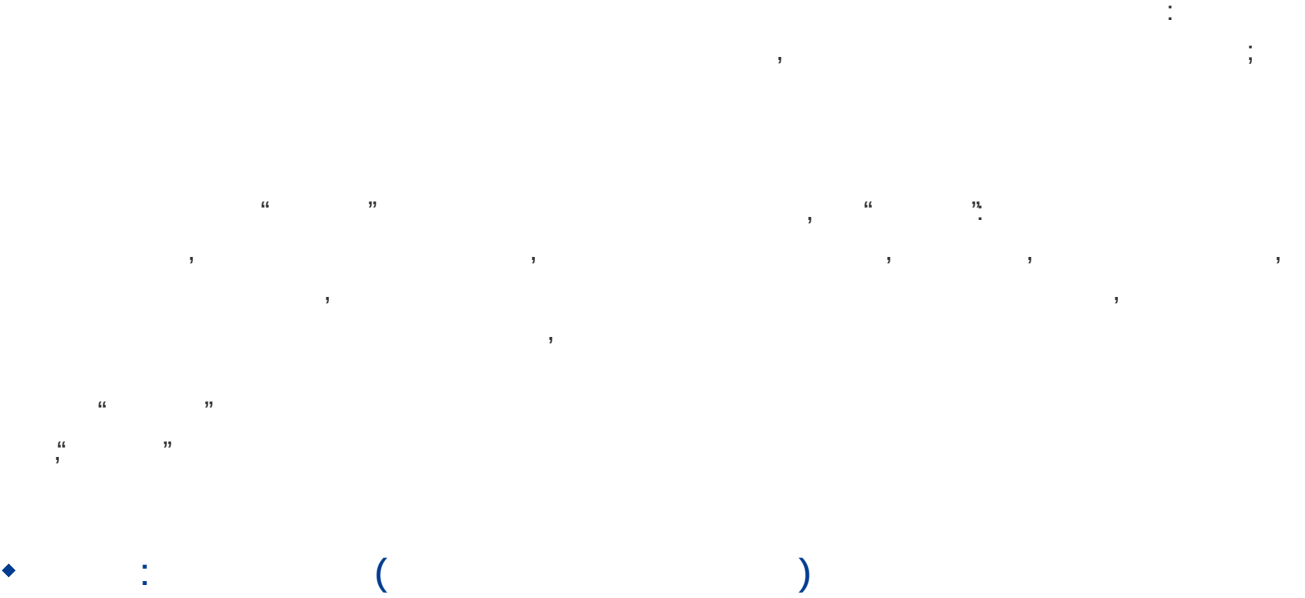
3.2 +  
Application cases of arc suppression coil + parallel low-resistance resistor grounding

3.2  
Typical Cooperative Users

# Single Phase Earth Fault Solution

## 1.1

+“ ”



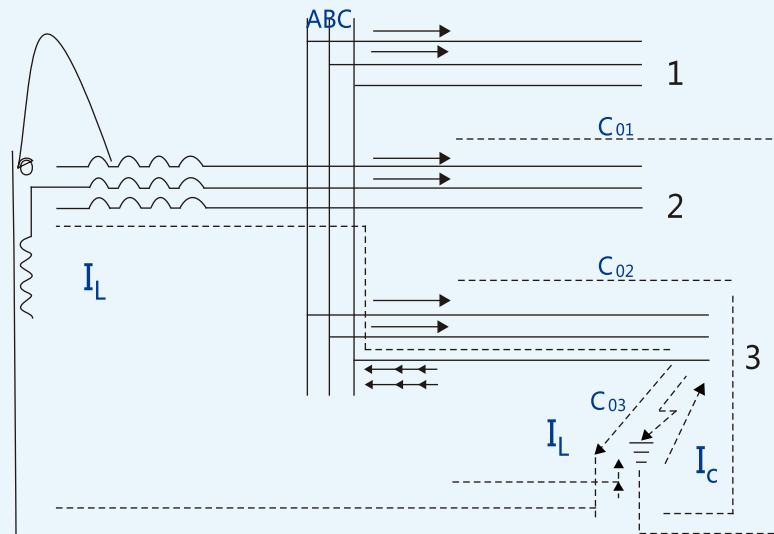
KD-XH

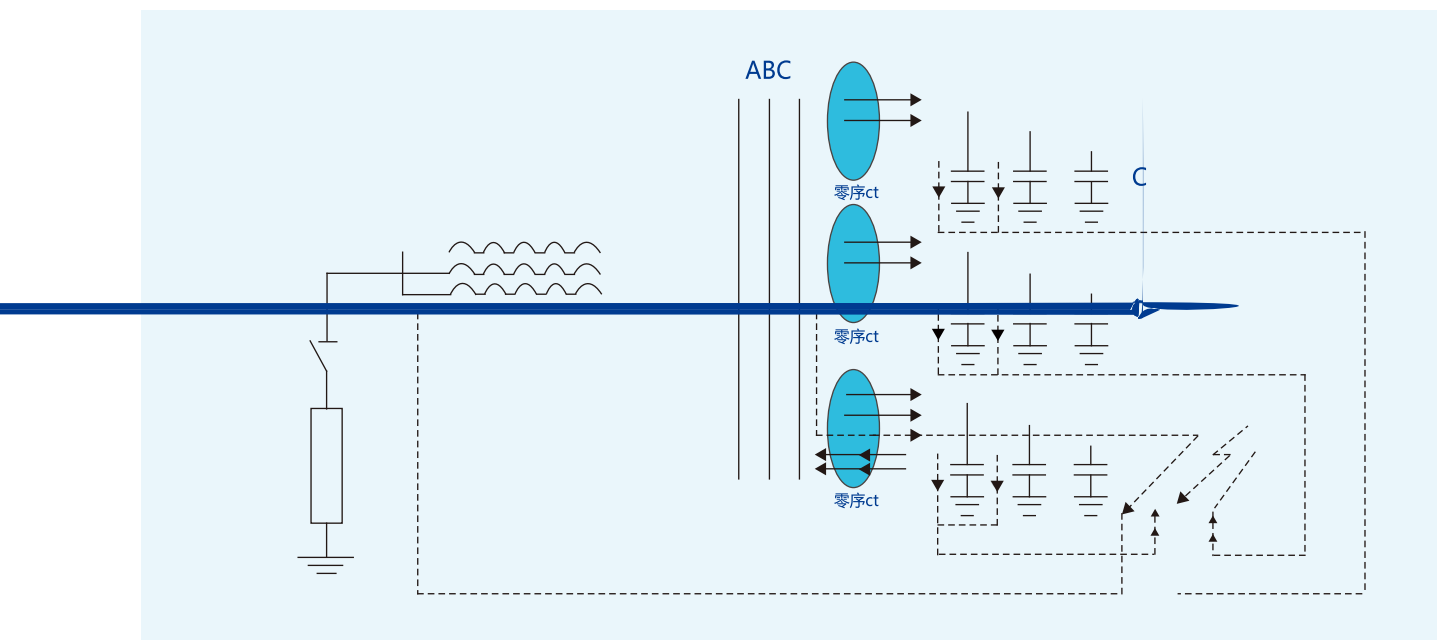
0 180

∞ 0

0

0~100%

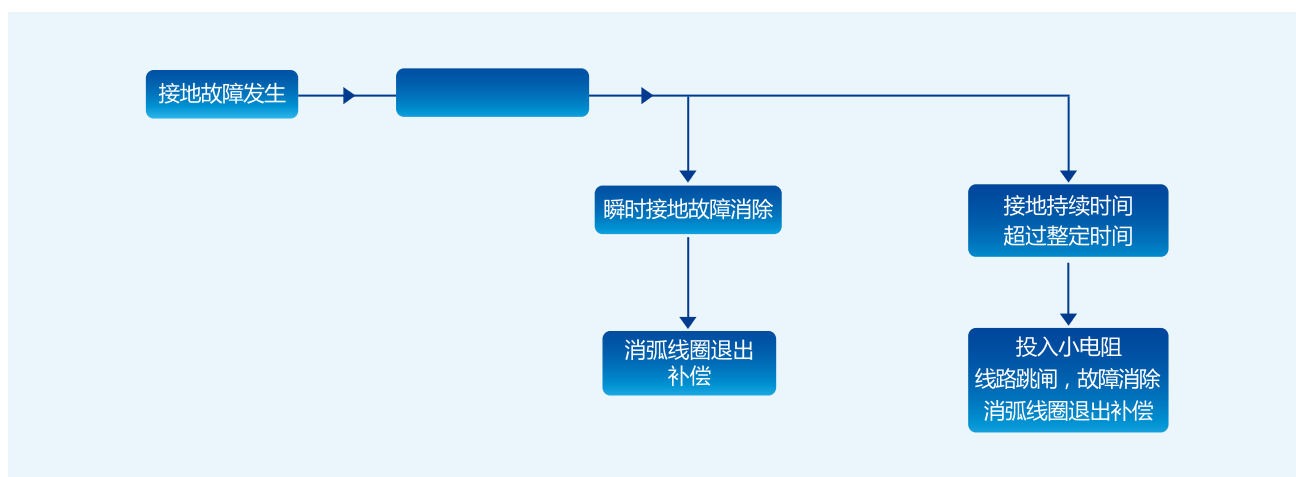
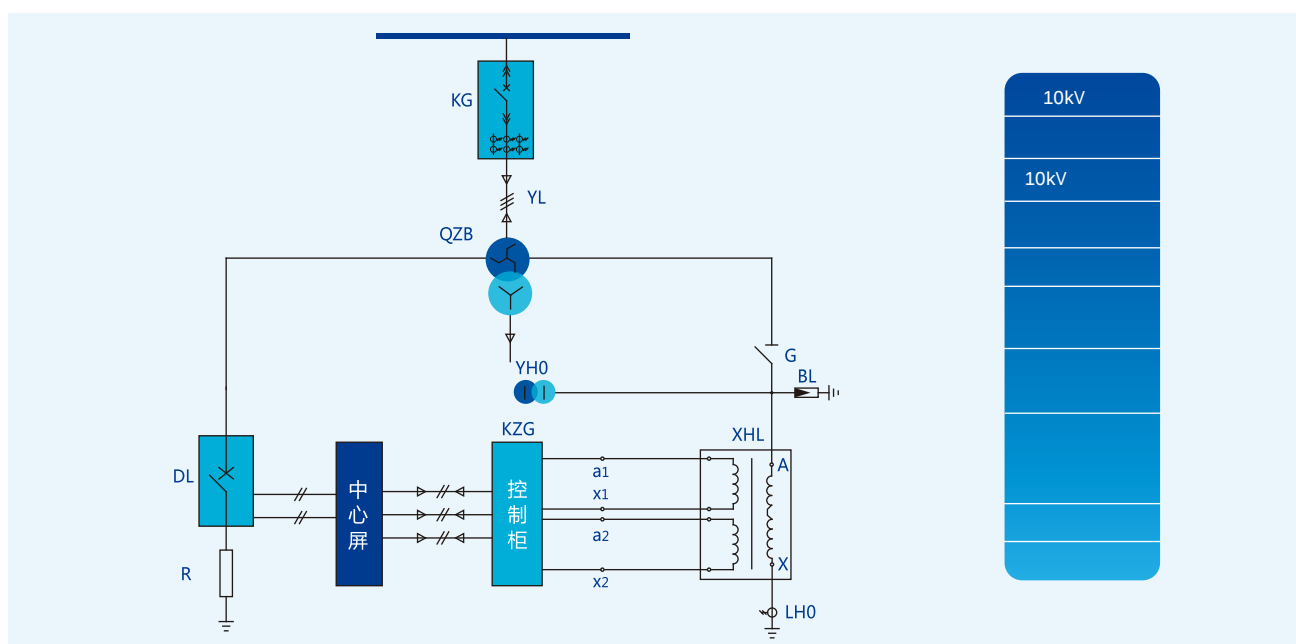




## 1.2

+

(5ms )



# Neutral Ground Product

## 2.1 KD-XH



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



- ◆
- 0~100%
- 
- 
- 
- 
- ◆

| 技术指标 | 技术参数                        |
|------|-----------------------------|
|      | 6kV,10kV,20kV,35kV          |
|      | 0~100%                      |
|      |                             |
|      | ≤ 2%                        |
|      | 500                         |
|      | 40                          |
|      |                             |
|      | RS-232 RS485, 2400~19200bps |

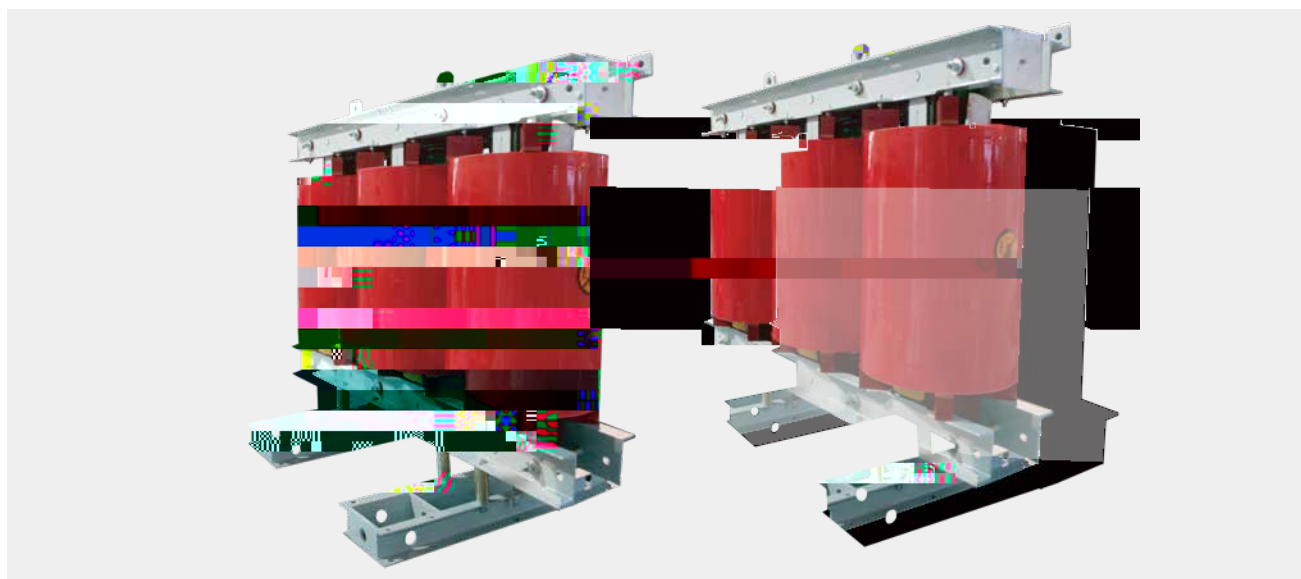


## 2.2 KD-XHTZ

- KD-XHTZ

- 

- 



- 

- 

- 





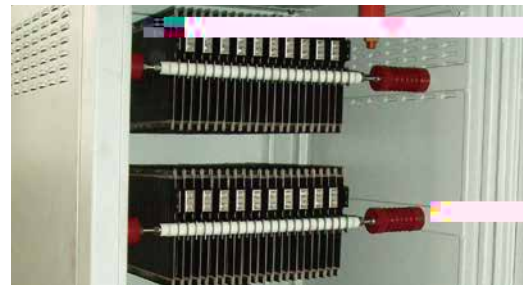
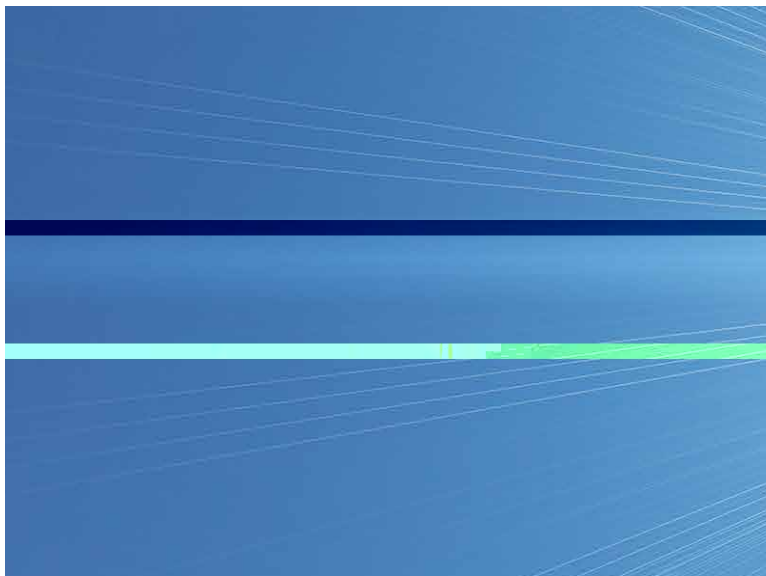
| 技术指标 | 技术参数                       |
|------|----------------------------|
|      | 6kV 10kV 20kV 35kV         |
|      | 30%~100%                   |
|      |                            |
|      | ≤ 2%                       |
|      | 500                        |
|      | 40                         |
|      |                            |
|      | 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 ;



◆

- :
- :
- ,
- ,

- 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

- 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.



<5ms



<2A



0~110%



95%



500



# Typical Application

3.1

“

”

,10kV/6kV

10kV ( )

DDS







KD-XH01-400/6.3) 6 DDS “ + ” :



1.  $\Pi$

971.2V 1268.4V 2060.2V 679.9V

“  $\Pi$  ”

500 10000

2. 18

18

- 12 17 12 53 49
- 12 17 13 03 45
- 3171.6V
- 35.9A
- 35.3A

18

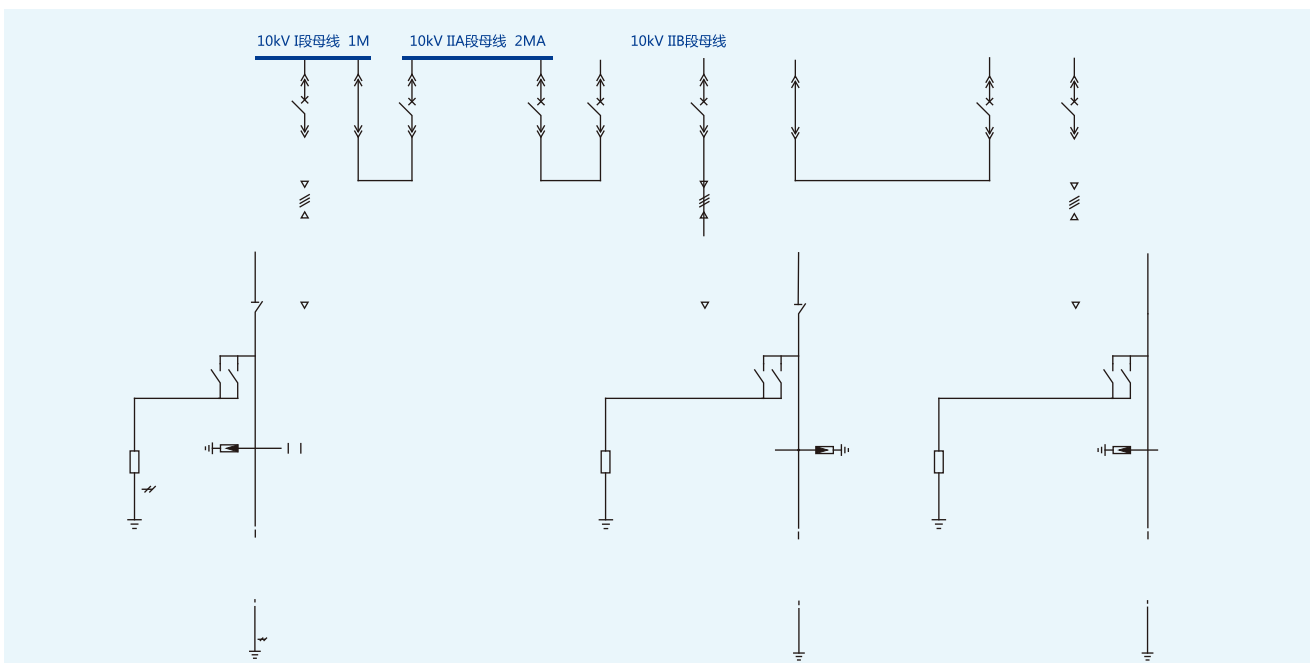


## 3.2

+



, ; , 60%;





93% , 10kV 159 10s 148 ,  
11 , 2# 9 ,3# 2 ,  
, , 10s , ,  
, , 11 , , ( 4802V), ( 1351V) , ,



10kV 20kV , ,  
, ,  
#1 6 20kV :

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





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SINOPEC



华新水泥  
HUAXIN CEMENT

“ ” “



MORE...



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