2005 516

赫兹电力
HERTZ POWER

○ ○

赫兹电力
HERTZ POWER

主　　：电力安全　　理　　定

2005　8　9

:

1
1
4
5
7
15
17
17
18
20
24
25
26
30
31
32

# 一　总　则

“　　”

# 二　理

赫兹电力
HERTZ POWER

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，

# 三　　及　收

赫兹电力
HERTZ POWER

# 四　　及检

[2002]777

94

DL5009.2-2004 2

GB2891-1995

GB2892-1995

GA124-1996

DL/T846.6-2004

“ ”

# 五 检查及使用

94

DL5009.2-2004 2

:

( )

25 50mm

3 5

3

1

2

3

4

5

赫兹电力
HERTZ POWER

1

2

3

4

赫兹电力
HERTZ POWER

Aô

“ ”

25mm$^2$

1mm

110kV

赫兹电力
HERTZ POWER

65

2

“ ”

18%

-30 45

30 100

“ ”

$SF_6$

$SF_6$ $SF_6$

15 $SF_6$ $SF_6$

## 六 保 及存放

-15 35

5 80%

赫兹电力 HERTZ POWER

( ) 5 3

## 七 报废

## 八 则

赫兹电力
HERTZ POWER

19.

20.

21. DL5009.3-1997

22. DL5009.2-2004 2

23. DL/T846.6-2004

24.

赫兹电力
HERTZ POWER

1

2

4

5

6 “ ”

1

2

3

$SF_6$

1

2

3

4

赫兹电力
HERTZ POWER

5

6

7

8 220 500kV
330 500kV

9

10

11

12

13 $SF_6$ $SF_6$

赫兹电力 HERTZ POWER

1 “ ”

GB699-88 GB3077-88

2 “ ”“ ”

2mm 6mm

3 “ ” “ ”

5mm

8mm “ ” 10mm

4

5

6

7

赫兹电力 HERTZ POWER

| kV | m | |
|---|---|---|
| | | |
| 10 | 0.7 | 0.4 |
| 35 | 0.9 | 0.6 |
| 66 | 1.0 | 0.7 |
| 110 | 1.3 | 1.0 |
| 220 | 2.1 | 1.8 |
| 330 | 3.1 | 2.8 |
| 500 | 4.0 | 3.7 |

<table>
<tr><td></td><td></td><td></td><td></td><td colspan="4"></td><td></td></tr>
<tr><td rowspan="9">1</td><td rowspan="9"></td><td>A</td><td>1</td><td colspan="4">15% 40%</td><td></td></tr>
<tr><td rowspan="8">B</td><td rowspan="8">1</td><td rowspan="2">(kV)</td><td rowspan="2">(m)</td><td colspan="2">(kV)</td><td rowspan="8"></td></tr>
<tr><td>1min</td><td>5min</td></tr>
<tr><td>10</td><td>0.7</td><td>45</td><td>—</td></tr>
<tr><td>35</td><td>0.9</td><td>95</td><td>—</td></tr>
<tr><td>66</td><td>1.0</td><td>175</td><td>—</td></tr>
<tr><td>110</td><td>1.3</td><td>220</td><td>—</td></tr>
<tr><td>220</td><td>2.1</td><td>440</td><td>—</td></tr>
<tr><td>330</td><td>3.2</td><td>—</td><td>380</td></tr>
<tr><td>500</td><td>4.1</td><td>—</td><td>580</td></tr>
<tr><td>2</td><td></td><td>A</td><td>5</td><td colspan="4">25 35 50 70 95 120mm² <br> 0.79 0.56 0.40 0.28 0.21 0.16mΩ</td><td>2</td></tr>
</table>

| | | | | | | (kV) |
|---|---|---|---|---|---|---|
| | | | (kV) | (m) | 1min | 5min |
| | | | 10 | — | 45 | — |
| | | | 35 | — | 95 | 3 — |
| | | | 66 | — | 175 | — |
| 2 | B | 4 | 110 | — | 220 | — |
| | | | 220 | — | 440 | — |
| | | | 330 | — | — | 380 |
| | | | 500 | — | — | 580 |

3 5 10 16 25mm² 1.98 1.24 0.79mΩ

| | | | | | (kV) |
|---|---|---|---|---|---|
| | | (kV) | (m) | 1min | 5min |
| | | 10 | 0.7 | 45 | — |
| | | 35 | 0.9 | 95 | — |
| 4 | 1 | 66 | 1.0 | 175 | — |
| | | 110 | 1.3 | 220 | — |
| | | 220 | 2.1 | 440 | — |
| | | 330 | 3.2 | — | 380 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | A | | (kV) | (kV) | (min) | |
| | | | 10 | 8 | 5 | 100Ω·m |
| | | | 35 | 28 | 5 | |
| | B | | (kV) | (m) | (kV) | (min) |
| | | 1 | 10 | 0.7 | 45 | 1 |
| 5 | | | 35 | 0.9 | 95 | 1 |
| | C | | (kV) | (kV) | (min) | (mA) |
| | | | 10 | 10 | 1 | ≤2 |
| | | | 35 | 35 | | |

赫兹电力 HERTZ POWER

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| 7 | | B | 1 | (kV) | (kV) | (min) | |
| | | | | 6~10 | 30 | 1 | |
| | | | | 35 | 80 | 1 | |
| 8 | | | 1 | | (kV) | (min) | |
| | | | | | 15 | 1 | |
| | | | | | 3.5 | 1 | |
| 9 | | | | (kV) | (min) | (mA) | |
| | | | | 15 | 1 | ≤7.5 | |
| 10 | | | | | (kV) | (min) | (mA) |
| | | | | | 8 | 1 | ≤9 |
| | | | | | 2.5 | 1 | ≤2.5 |
| 11 | | | 200h | 100kΩ | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| 1 | | | 1 | | N | min | |
| | | | | | 2205 | 5 | |
| | | | | | 2205 | 5 | |
| | | | | | 1470 | 5 | |
| | | | | | 2205 | 5 | |
| 2 | | | | 4900N | | | ≤ 2.5 ≤3.5 |
| | | | | | | | |
| 3 | | | 1 | 1176N 5min | | | |
| 4 | | | | 2205N 5min | | | |
| 5 | | | | 1765N 5min | | | |

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| | | | | | |
|---|---|---|---|---|---|
| 6 | | | | 4900N<br>5min | |

赫兹电力
HERTZ POWER

| | | 500kV | | | 220kV | | | 110kV | | | 35kV | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 500 kV | 220 kV | 110 kV | 220 kV | 110 kV | 35 kV | 110 kV | 35 kV | 10 kV | 35 kV | 10 kV |
| 1 | | 2 | 2 | | 3 | | | 3 | | | 2 | |
| 2 | | 2 | 2 | | 3 | | | 3 | | | 2 | |
| 3 | | 2 | 2 | 2 | 2 | 2 | | 2 | 2 | | 2 | |
| 4 | | 2 | 2 | | 2 | 2 | | 2 | 2 | | 2 | |
| 5 | | 6 | 8 | 6 | 6 | 8 | 6 | 8 | 3 | 6 | 6 | 4 |
| 6 | [redacted] | 2 | | | 2 | | 1 | 1 | | | 1 | |
| 7 | | | 2 | | | 2 | | | 2 | | | 2 |
| 8 | | | 10 | | | 10 | | | 8 | | | 6 |
| 9 | | 4 | | | 4 | | | 3 | | | 2 | |
| 10 | | | 4 | | | 4 | | | 3 | | | 2 |

| | | | | | |
|---|---|---|---|---|---|
| 16 | | 20 | 15 | 15 | 10 |
| 17 | | 20 | 15 | 15 | 10 |
| 18 | | 15 | 10 | 10 | 10 |
| 19 | | 20 | 15 | 15 | 10 |
| 20 | | 20 | 15 | 15 | 10 |
| 21 | | 10 2.4x0.8m | 8 2.4x0.8m | 6 2.4x0.8m | 4 2.4x0.8m |

赫兹电力 HERTZ POWER

| | | | | | |
|---|---|---|---|---|---|
| | ( ) | | | | |
| 1 | | 4 | 4 | 2 | 2 |
| 2 | | 4 | 4 | 2 | 2 |
| 3 | | 4 | 4 | | |
| 4 | | 220kV 110kV<br>2 10kV 1 | 220kV 110kV<br>2 10kV 1 | 10kV 220V | 10kV 220V |
| 5 | | 220kV 110kV 8<br>35kV6 | 220kV 110kV<br>8 35kV6 | | |
| 6 | | 1 2 | 1 2 | 1 | 1 |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | 4 | 4 | 3 | 2 |
| 10 | | | | | |
| 11 | | 4 | 4 | | |
| 12 | | | | | |
| 13 | | 10 | 10 | 5 | 5 |
| 14 | | 10 | 10 | 5 | 5 |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| 15 | | 10 | 10 | 5 | 5 |
| 16 | | | 6 2.4x0.8m | 2 2.4x0.8m | 2 2.4x0.8m |

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