

## Contents

|                                                                   |      |
|-------------------------------------------------------------------|------|
| <b>General</b> .....                                              | 2    |
| <b>Arcing horns</b><br>for disc type insulators .....             | 3    |
| <b>Single path arcing rings</b><br>for disc type insulators ..... | 4    |
| <b>Single path arcing rings</b><br>for long rod insulators .....  | 5-6  |
| <b>Arcing rings</b><br>for composite insulators .....             | 6    |
| <b>Fork type arcing rings</b><br>Fixing according DIN .....       | 7-8  |
| <b>Fork type arcing rings</b><br>2 bolt fixing .....              | 9-10 |
| <b>Arcing device</b> .....                                        | 10   |
| special design                                                    |      |

## GENERAL

Requirements for **arcing devices**:

- |                                |                                                                                                                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Distribution of voltage</b> | • This protective device has the job of effecting an even <b>distribution of voltage</b> along the string, which can be accomplished by using a ring instead of a horn in some instances.                                             |
| <b>Stress distribution</b>     | • Along with the tower and the cantilever, the device should produce a <b>stress distribution</b> which will carry away the arc as fast as possible from the insulators.                                                              |
| <b>Stability</b>               | • Arcing devices are also responsible for keeping <b>stable</b> the burning arc so as to protect the insulators while at the same time preventing the arc from being deflected to the conductor.                                      |
| <b>Base point</b>              | • The <b>base point</b> of the arc should be located in a manner that direct radiation onto the insulator is avoided thus preventing damage to the insulator and the arc should also burn as far away from the insulator as possible. |
| <b>Single path system</b>      | • The arc should be fed on <b>one side</b> so that it may be safely displaced to the nominal burning point.                                                                                                                           |
| <b>Contamination</b>           | • Even <b>dirt flash-over</b> between the insulator discs must be handled by the arcing device.                                                                                                                                       |
| <b>Corona</b>                  | • The stress distribution caused by the protective device should be such that it or any other fitting may not form a <b>corona</b> at the voltage level at which it is used.                                                          |
| <b>Interchangeability</b>      | • The arcing device should be <b>interchangeable</b> without having to dismantle the string.                                                                                                                                          |
| <b>Insulator types</b>         | • The arcing device which is used must be suitable for use with the <b>various insulator types</b> .                                                                                                                                  |

## Installation

Contrary to the standard execution of the arcing accessories it is not possible to state a firm rule for the installation arrangement of the accessories on the insulator string.

The installation depends on the type of strings, single or double strings, in line direction or perpendicular, suspension, tension strings or V-strings and also on the shape of the tower and the possible movement of the strings in case of wind loads.

In each case a review of the installation arrangement of the accessories is useful and the decision should be made with special regard to the conditions of distribution system and line as well as to the type of tower construction.

## Short circuit current

The short circuit capability depends on the material section, but with forked types the short circuit current parts into two branches allowing for smaller sections than normal.

### Connection

Connections to the hardware acc. to DIN 48068 and ÖNORM E4199. Other connections are available.

### Fixing device

Fixing device is included.

## Hot dip galvanising

Steel hardware is hot dip galvanised in Mosdorfer's own plant. Galvanising can be done in accordance to national and international standards.

## Arcing horn for longrod insulators type M with fixing according DIN 48068 pin 11

| <b>Material:</b> Steel, hot dip galvanised |                  |        |        |                          |           |
|--------------------------------------------|------------------|--------|--------|--------------------------|-----------|
| L.-Nr.                                     | Dimensions in mm |        |        | Short circuit current kA | Weight kg |
|                                            | a                | Height | Horn-Ø |                          |           |
| 4710                                       | 130              | 105    | 12     | 9                        | 0,25      |

Other dimensions on request.

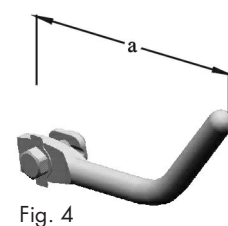
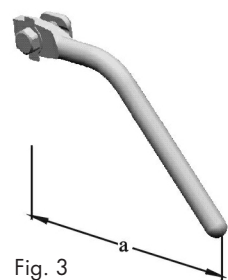
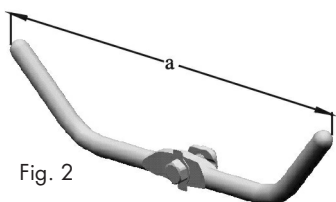
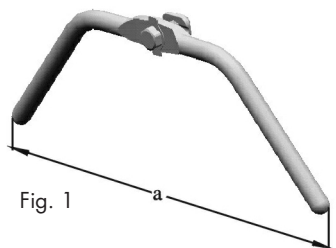
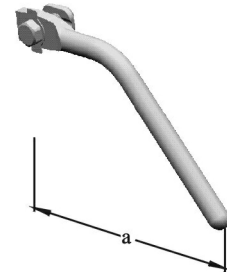
## Arcing horns for disc type insulators

Arcing horns fig. 1 and 3 are used for insulator strings up to 380 kV as the upper device.

Arcing horns fig. 2 and 4 are used for insulator strings up to 110 kV as the lower device.

| Material: Steel, hot dip galvanised |          |                                     |                  |        |        |                          |           |
|-------------------------------------|----------|-------------------------------------|------------------|--------|--------|--------------------------|-----------|
| L.-Nr.                              | Figure   | for Insulator                       | Dimensions in mm |        |        | Short circuit current kA | Weight kg |
|                                     |          |                                     | a                | Height | Horn-Ø |                          |           |
| 4725.01                             | Figure 1 | Disc Insulators: Porcelain or Glass | 460              | 150    | 16     | 16                       | 1,00      |
| 4725.05                             |          |                                     | 500              | 200    | 16     | 16                       | 1,10      |
| 4725.07                             |          |                                     | 550              | 190    | 16     | 16                       | 1,30      |
| 4725.02                             | Figure 2 |                                     | 460              | 75     | 16     | 16                       | 1,00      |
| 4725.06                             |          |                                     | 500              | 105    | 16     | 16                       | 1,10      |
| 4725.08                             |          |                                     | 550              | 82     | 16     | 16                       | 1,20      |
| 4726.05                             | Figure 3 |                                     | 250              | 190    | 16     | 16                       | 0,70      |
| 4726.07                             |          |                                     | 275              | 170    | 16     | 16                       | 0,80      |
| 4726.21                             |          |                                     | 440              | 365    | 24     | 35                       | 2,50      |
| 4726.22                             |          |                                     | 250              | 190    | 20     | 25                       | 1,00      |
| 4726.14                             | Figure 4 |                                     | 250              | 200    | 22     | 30                       | 1,25      |
| 4726.06                             |          |                                     | 250              | 105    | 16     | 16                       | 0,70      |
| 4726.08                             |          |                                     | 275              | 82     | 16     | 16                       | 0,70      |

Also available with other dimensions and balls.

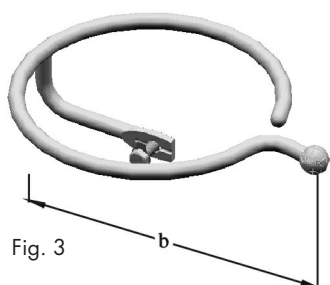
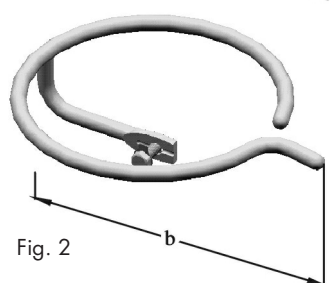
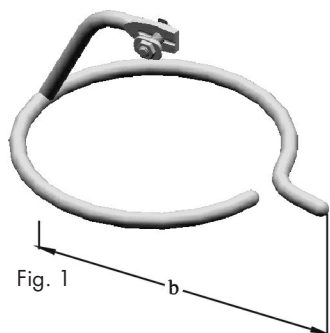


## Single path arcing rings for disc insulators

Arcing rings figure 1 are used for insulator strings upto 380 kV as the upper device.

Arcing rings figure 2 are used for insulator strings upto 110 kV as the lower device.

Arcing rings figure 3 are used for insulator strings upto 150 kV as the lower device.



**Material:** Steel, hot dip galvanised

| L-Nr.   | Figure   | for Insulators                | Outs. Ø | Dimensions in mm<br>b Height | Mat. Ø | Ball Ø | Short circuit current kA | Weight kg |
|---------|----------|-------------------------------|---------|------------------------------|--------|--------|--------------------------|-----------|
| 4760.01 | Figure 1 | Disc-insulators upto 280 mm Ø | 330     | 451 185                      | 16     | –      | 16                       | 2,30      |
| 4760.02 |          |                               | 330     | 455 185                      | 20     | –      | 25                       | 3,50      |
| 4760.03 |          |                               | 330     | 457 185                      | 22     | –      | 30                       | 4,60      |
| 4760.04 |          |                               | 330     | 459 185                      | 24     | –      | 35                       | 5,10      |
| 4760.05 |          | H 170 mm                      | 330     | 457 230                      | 22     | –      | 30                       | 4,70      |
| 4760.12 |          | upto 320 mm Ø                 | 370     | 527 265                      | 22     | –      | 30                       | 5,40      |
| 4760.13 | Figure 2 | H 195 mm                      | 370     | 529 265                      | 24     | –      | 35                       | 6,40      |
| 4760.14 |          |                               | 370     | 532 280                      | 28     | –      | 50                       | 8,20      |
| 4760.21 |          |                               | 330     | 451 100                      | 16     | –      | 16                       | 2,20      |
| 4760.22 |          |                               | 330     | 455 100                      | 20     | –      | 25                       | 3,40      |
| 4760.23 |          |                               | 330     | 457 100                      | 22     | –      | 30                       | 4,40      |
| 4760.24 |          |                               | 330     | 459 100                      | 24     | –      | 35                       | 4,80      |
| 4760.31 | Figure 3 | upto 280 mm Ø                 | 330     | 451 100                      | 16     | 40     | 16                       | 2,40      |
| 4760.33 |          | H 170 mm                      | 330     | 455 100                      | 20     | 40     | 25                       | 3,60      |
| 4760.32 |          |                               | 330     | 455 100                      | 22     | 40     | 30                       | 4,70      |
| 4760.34 |          |                               | 330     | 459 100                      | 24     | 40     | 35                       | 6,00      |

## Single path arcing rings for disc insulators

Arcing rings with balls Ø-60 are used for insulator strings upto 220 kV, with ball-Ø 80 upto 380 kV (500 kV)

**Material:** Steel, hot dip galvanised

| L-Nr.   | for Insulators                                  | Outside Ø | Dimensions in mm<br>b Tube Ø Height | Ball Ø | Mat. Ø | Short circuit current kA | Weight kg |
|---------|-------------------------------------------------|-----------|-------------------------------------|--------|--------|--------------------------|-----------|
| 4770.04 | Disc-insulators upto 280 mm Ø and H upto 170 mm | 480       | 270 48 100                          | 60     | 22     | 30                       | 6,30      |
| 4770.05 |                                                 | 480       | 270 48 100                          | 60     | 24     | 35                       | 6,60      |
| 4770.06 |                                                 | 480       | 270 48 100                          | 60     | 28     | 50                       | 7,00      |
| 4770.11 |                                                 | 480       | 280 48 100                          | 80     | 22     | 30                       | 6,80      |
| 4770.12 |                                                 | 480       | 280 48 100                          | 80     | 24     | 35                       | 7,20      |
| 4770.13 |                                                 | 480       | 280 48 100                          | 80     | 28     | 50                       | 8,40      |
| 4770.21 |                                                 | 550       | 310 60 100                          | 80     | 22     | 30                       | 8,20      |
| 4770.22 |                                                 | 550       | 310 60 100                          | 80     | 24     | 35                       | 8,50      |
| 4770.23 |                                                 | 550       | 310 60 100                          | 80     | 28     | 50                       | 9,10      |
| 4770.31 |                                                 | 550       | 310 60 130                          | 80     | 22     | 30                       | 9,80      |
| 4770.32 | 320 mm Ø and upto H 195 mm                      | 550       | 310 60 130                          | 80     | 24     | 35                       | 10,20     |
| 4770.33 |                                                 | 550       | 310 60 130                          | 80     | 28     | 50                       | 10,70     |

Other heights on request.

Connecting straps for shunts on request.

Special designs for double strings are available.

## Single path arcing rings for longrod insulators

Arcing rings figure 1 are used for insulator strings upto 380 kV as the upper device and upto 110 kV as lower device.

Arcing rings figure 2 are used for insulator strings upto 150 kV as the lower device.

| Material: Steel, hot dip galvanised |          |                |          |                  |        |        |        |                          |           |
|-------------------------------------|----------|----------------|----------|------------------|--------|--------|--------|--------------------------|-----------|
| L.-Nr.                              | Figure   | for Insulators | Inside Ø | Dimensions in mm |        |        | Ball Ø | Short circuit current kA | Weight kg |
|                                     |          |                |          | b                | Height | Mat. Ø |        |                          |           |
| 4750.01                             | Figure 1 | L60            | 170      | 332              | 184    | 16     | –      | 16                       | 1,50      |
| 4750.02                             |          | L60            | 170      | 330              | 184    | 20     | –      | 25                       | 2,40      |
| 4750.03                             |          | L60            | 170      | 332              | 184    | 22     | –      | 30                       | 2,90      |
| 4750.10                             |          | L75/L85        | 200      | 360              | 227    | 16     | –      | 16                       | 2,50      |
| 4750.12                             |          | L75/L85        | 200      | 410              | 227    | 20     | –      | 25                       | 3,10      |
| 4750.13                             |          | L75/L85        | 200      | 410              | 227    | 22     | –      | 30                       | 3,50      |
| 4750.14                             |          | L75/L85        | 200      | 450              | 227    | 24     | –      | 35                       | 4,70      |
| 4750.15                             |          | L75/L85        | 200      | 450              | 227    | 28     | –      | 50                       | 5,70      |
| 4750.30                             | Figure 2 | L60            | 170      | 350              | 184    | 16     | 30     | 16                       | 1,70      |
| 4750.31                             |          | L60            | 170      | 350              | 184    | 20     | 30     | 25                       | 2,50      |
| 4750.32                             |          | L60            | 170      | 350              | 184    | 22     | 30     | 30                       | 3,00      |
| 4750.40                             |          | L75/L85        | 200      | 360              | 227    | 16     | 30     | 16                       | 2,60      |
| 4750.42                             |          | L75/L85        | 200      | 410              | 227    | 20     | 30     | 25                       | 3,20      |
| 4750.43                             |          | L75/L85        | 200      | 450              | 227    | 22     | 30     | 30                       | 3,70      |
| 4750.44                             |          | L75/L85        | 200      | 450              | 227    | 24     | 30     | 35                       | 4,10      |
| 4750.47                             |          | L75/L85        | 200      | 450              | 227    | 28     | 40     | 50                       | 5,70      |

Connecting straps for shunts on request.

Other dimensions on request.

## Single path intermediate arcing rings

for longrod insulators

arcing rings used as an intermediate device for insulator strings upto 380 kV.

| Material: Steel, hot dip galvanised |                |          |                  |        |     |                          |           |
|-------------------------------------|----------------|----------|------------------|--------|-----|--------------------------|-----------|
| L.-Nr.                              | for Insulators | Inside Ø | Dimensions in mm |        |     | Short circuit current kA | Weight kg |
|                                     |                |          | Height           | Mat. Ø | b   |                          |           |
| 4750.60                             | L60            | 170      | 368              | 16     | 332 | 50                       | 3,10      |
| 4750.61                             | L75/L85        | 200      | 454              | 16     | 360 | 50                       | 3,60      |
| 4750.65                             | L60            | 200      | 368              | 22     | 332 | 60                       | 6,60      |
| 4750.66                             | L75/L85        | 200      | 396              | 22     | 410 | 60                       | 6,70      |

Other dimensions on request.

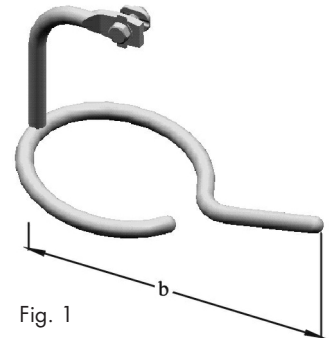


Fig. 1

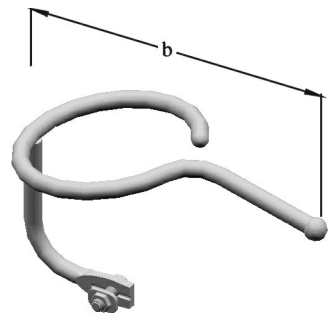
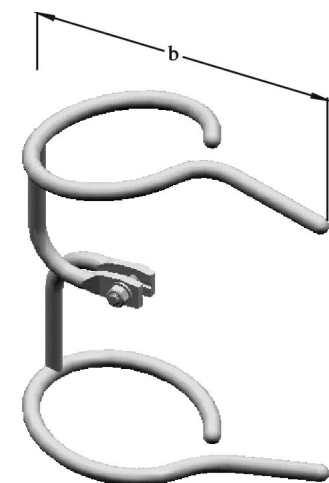


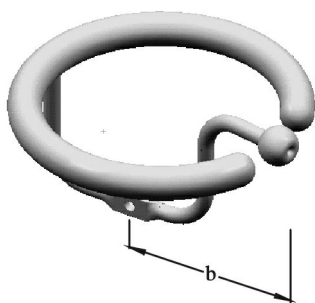
Fig. 2



## Single path arcing rings

for longrod insulators

Arcing rings with balls-Ø 60 are used for insulator strings upto 220 kV and with balls-Ø 80 upto 380 kV (500 kV).



**Material:** Steel, hot dip galvanised

| L.-Nr.  | for Insulators | Dimensions in mm |        |       |        |     |        | Short circuit current kA | Weight kg |
|---------|----------------|------------------|--------|-------|--------|-----|--------|--------------------------|-----------|
|         |                | Outside Ø        | Height | Arm Ø | Tube Ø | b   | Ball Ø |                          |           |
| 4750.70 | L75/L85        | 450              | 235    | 22    | 48     | 290 | 60     | 30                       | 6,20      |
| 4750.71 | L75/L85        | 450              | 235    | 24    | 48     | 305 | 60     | 35                       | 7,10      |
| 4750.73 | L75/L85        | 450              | 235    | 28    | 48     | 305 | 60     | 50                       | 8,50      |
| 4750.76 | L75/L85        | 450              | 245    | 22    | 48     | 315 | 80     | 30                       | 7,80      |
| 4750.77 | L75/L85        | 450              | 245    | 24    | 48     | 315 | 80     | 35                       | 8,10      |
| 4750.78 | L75/L85        | 450              | 245    | 28    | 48     | 315 | 80     | 50                       | 8,80      |
| 4750.82 | L75/L85        | 550              | 245    | 22    | 60     | 360 | 80     | 30                       | 9,60      |
| 4750.83 | L75/L85        | 550              | 245    | 24    | 60     | 360 | 80     | 35                       | 10,60     |
| 4750.84 | L75/L85        | 550              | 245    | 28    | 60     | 360 | 80     | 50                       | 11,80     |

Other heights on request.

Connecting straps for shunts on request.

Special designs for double strings are available.

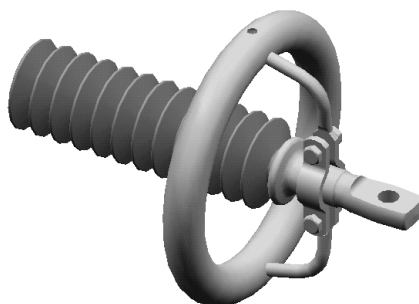


## Arcing rings

for composite insulators.

Various types of arcing device are available for composite insulators. According to requirements they will be adapted with regard to the voltage level, fixing possibilities, etc.

In addition to the normal fixing at ball and socket eyes or double eyes a fixing on to the end-fitting of the insulators is also possible in certain cases.



## Fork type arcing rings

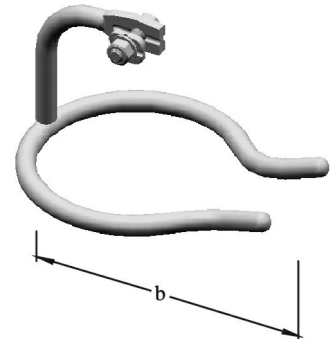
for longrod and composite insulators  
with fixing according DIN 48 068

Arcing rings are used for insulators strings upto 380 kV as the upper device  
and upto 110 kV as the lower device.

**Material:** Steel, hot dip galvanised

| L.-Nr.    | for insulators | Dimensions in mm |        |       |        |     | Short circuit current kA | Weight kg |
|-----------|----------------|------------------|--------|-------|--------|-----|--------------------------|-----------|
|           |                | Inside Ø         | Height | Arm Ø | Ring Ø | b   |                          |           |
| 4750.9007 | LG60, LG75     | 205              | 165    | 20    | 16     | 320 | 25                       | 1,97      |
| 4750.52/5 | LP85           | 205              | 175    | 20    | 16     | 320 | 25                       | 2,03      |
| 4750.9020 | LG85, LG95     | 205              | 205    | 20    | 16     | 320 | 25                       | 2,08      |
| 4750.52/1 | LG60, LG75     | 205              | 165    | 22    | 20     | 320 | 30                       | 2,95      |
| 4750.52/0 | LG60, LG75     | 205              | 165    | 28    | 20     | 320 | 40                       | 3,41      |
| 4750.9008 | LG85, LG95     | 205              | 205    | 28    | 20     | 320 | 40                       | 3,55      |
| 4750.9009 | Composite      | 205              | 237    | 28    | 20     | 320 | 40                       | 2,91      |
| 4750.52/7 | Composite      | 205              | 250    | 28    | 20     | 320 | 40                       | 3,72      |
| 4750.9304 | LG60S, LG75S   | 240              | 165    | 28    | 20     | 360 | 40                       | 3,75      |
| 4750.9302 | Composite      | 240              | 315    | 28    | 20     | 360 | 40                       | 4,35      |
| 4750.9102 | LG105          | 280              | 240    | 28    | 20     | 395 | 40                       | 4,55      |

Other dimensions on request.



## Fork type intermediate arcing rings

for longrod insulators

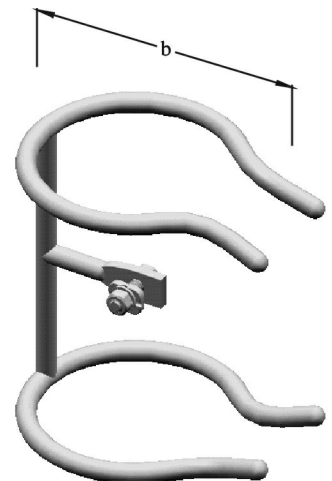
with fixing according DIN 48 068

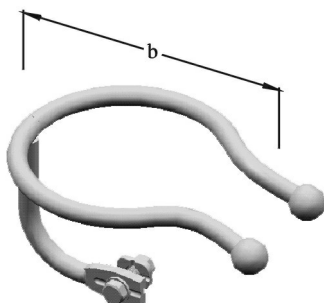
Arcing rings are used for insulators strings upto 380 kV as an intermediate device.

**Material:** Steel, hot dip galvanised

| L.-Nr.     | for insulators   | Dimensions in mm |        |       |        |     | Short circuit current kA | Weight kg |
|------------|------------------|------------------|--------|-------|--------|-----|--------------------------|-----------|
|            |                  | Inside Ø         | Height | Arm Ø | Ring Ø | b   |                          |           |
| 4750.9010  | LP60, LP75       | 205              | 310    | 20    | 16     | 320 | 40                       | 3,85      |
| 4750.60/0  | LG60, LG75, LP85 | 205              | 330    | 20    | 16     | 320 | 40                       | 3,90      |
| 4750.9103  | LG85, LG95       | 280              | 420    | 20    | 16     | 395 | 40                       | 4,25      |
| 4750.52/30 | LG105            | 280              | 480    | 20    | 16     | 395 | 40                       | 4,40      |

Other dimensions on request.





## Fork type arcing rings with balls

for longrod insulators

with fixing according DIN 48 068

Arcing rings are used for insulator strings upto 220 kV as the lower device.

**Material:** Steel, hot dip galvanised

| L.-Nr.      | for insulators | Dimensions in mm |        |       |        |     | Short circuit current kA | Weight kg |
|-------------|----------------|------------------|--------|-------|--------|-----|--------------------------|-----------|
|             |                | Inside Ø         | Height | Arm Ø | Ring Ø | b   |                          |           |
| 4750.9011   | LG60, LG75     | 205              | 165    | 20    | 16     | 335 | 25                       | 2,42      |
| 4750.52/7/2 | LG60, LG75     | 205              | 165    | 28    | 20     | 335 | 40                       | 3,95      |
| 4750.9012   | LG85, LG95     | 205              | 205    | 28    | 20     | 335 | 40                       | 4,15      |

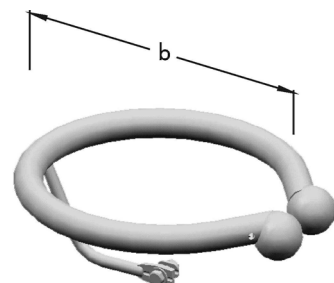
Other dimensions on request.

## Fork type arcing rings

for longrod and composite insulators

with fixing according DIN 48 068

Arcing rings are used for insulator strings upto 380 kV as the lower device.



**Material:** Steel, hot dip galvanised

| L.-Nr.       | for insulators      | Dimensions in mm |        |       |        |     | Short circuit current kA | Weight kg |
|--------------|---------------------|------------------|--------|-------|--------|-----|--------------------------|-----------|
|              |                     | Outside Ø        | Height | Arm Ø | Tube Ø | b   |                          |           |
| 4750.52/24/3 | LG60,75/LP60,75,85  | 400              | 200    | 28    | 48     | 460 | 40                       | 6,50      |
| 4750.52/24   | Composite           | 400              | 250    | 28    | 48     | 460 | 40                       | 6,80      |
| 4750.52/21   | LG 60,75/LP60,75,85 | 440              | 210    | 28    | 48     | 500 | 40                       | 6,90      |
| 4750.52/22   | LG85,95,105         | 440              | 240    | 28    | 48     | 500 | 40                       | 7,10      |
| 4740.9554    | Composite           | 440              | 280    | 28    | 48     | 500 | 40                       | 7,30      |
| 4740.9555    | Composite           | 440              | 340    | 28    | 48     | 500 | 40                       | 7,70      |
| 4740.9556    | K 230 - 290         | 440              | 110    | 28    | 48     | 500 | 40                       | 6,40      |

Other dimensions on request.



## Fork type arcing rings

for longrod and disc insulators

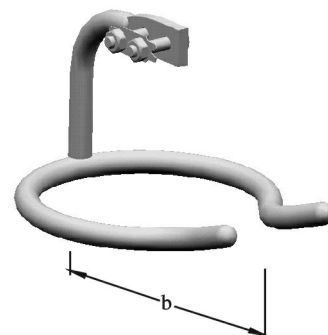
fixing with 2 bolts M12 at 32 mm centres

Arcing rings are used for insulator strings upto 380 kV as the upper device and upto 110 kV as the lower device.

**Material:** Steel, hot dip galvanised

| L.-Nr.      | for insulators   | Dimensions in mm |        |       |        |     | Short circuit current kA | Weight kg |
|-------------|------------------|------------------|--------|-------|--------|-----|--------------------------|-----------|
|             |                  | Inside Ø         | Height | Arm Ø | Ring Ø | b   |                          |           |
| 4750.9002   | LP60             | 205              | 130    | 20    | 16     | 320 | 25                       | 1,90      |
| 4750.52/5/1 | LP60, LP75, LP85 | 205              | 150    | 20    | 16     | 320 | 25                       | 2,00      |
| 4750.9006   | LP60, LP75, LP85 | 205              | 150    | 28    | 20     | 320 | 45                       | 3,20      |
| 4750.9305   | LG75S, LG85S     | 240              | 210    | 24    | 20     | 360 | 35                       | 3,40      |
| 4750.9101   | special          | 280              | 150    | 20    | 16     | 395 | 25                       | 2,40      |
| 4750.9855   | K 230 – 290      | 340              | 80     | 20    | 16     | 455 | 25                       | 2,58      |
| 4750.9851   | K 230 – 290      | 340              | 150    | 20    | 16     | 455 | 25                       | 2,70      |
| 4750.9856   | K 230 – 290      | 340              | 150    | 28    | 24     | 470 | 50                       | 6,10      |

Other dimensions on request.



## Fork type intermediate arcing rings

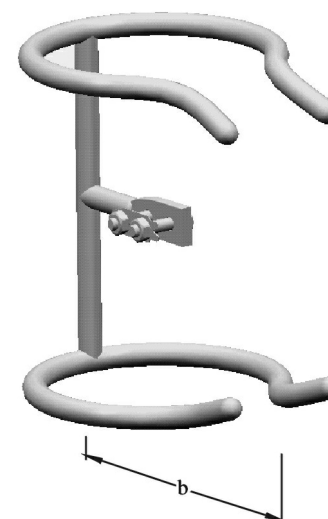
fixing with 2 bolts M12 at 32 mm centres

Arcing rings are used for insulator strings upto 380 kV as an intermediate device.

**Material:** Steel, hot dip galvanised

| L.-Nr.     | for insulators | Dimensions in mm |     |        |        |       | Short circuit current kA | Weight kg |
|------------|----------------|------------------|-----|--------|--------|-------|--------------------------|-----------|
|            |                | Inside Ø         | b   | Height | Ring Ø | Arm Ø |                          |           |
| 4750.52/34 | LP60           | 205              | 320 | 280    | 16     | 20    | 25/40                    | 3,40      |
| 4750.52/35 | LP75, LP85     | 205              | 320 | 310    | 16     | 20    | 25/40                    | 3,60      |
| 4750.9104  | LP 95, LP 105  | 280              | 395 | 390    | 16     | 20    | 25/40                    | 4,20      |

Other dimensions on request.



## Fork type arcing rings with balls

for longrod and disc insulators

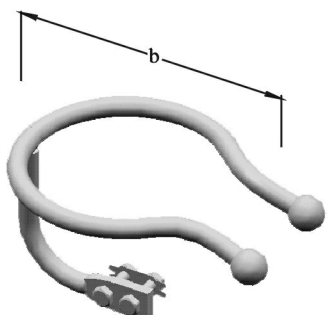
fixing with 2 bolts M12 at 32 mm centres

Arcing rings are used for insulator strings upto 220 kV as the lower device.

**Material:** Steel, hot dip galvanised

| L.-Nr.    | for insulators   | Dimensions in mm |        |       |        |     | Short circuit current kA | Weight kg |
|-----------|------------------|------------------|--------|-------|--------|-----|--------------------------|-----------|
|           |                  | Inside Ø         | Height | Arm Ø | Ring Ø | b   |                          |           |
| 4750.9013 | LP60, LP75, LP85 | 205              | 150    | 20    | 16     | 335 | 25                       | 2,50      |
| 4750.9004 | LP60, LP75, LP85 | 205              | 150    | 28    | 20     | 335 | 40                       | 4,00      |
| 4750.9857 | K 230 – 290      | 340              | 110    | 20    | 16     | 470 | 25                       | 3,17      |

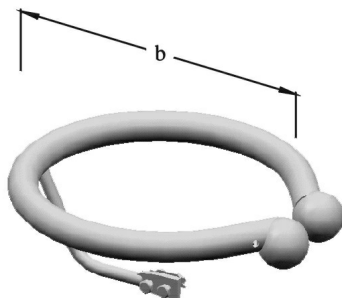
Other dimensions on request.



## Fork type arcing rings

Fixing with 2 bolts M12 at 32 mm centres

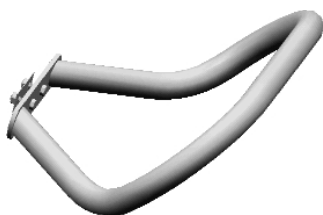
Arcing rings are used for insulator strings upto 380 kV as the lower device.



**Material:** Steel, hot dip galvanised

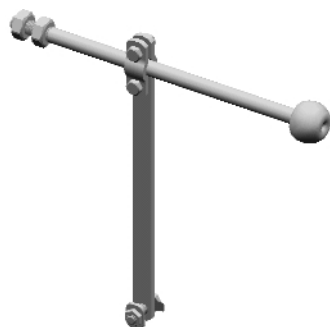
| L.-Nr.     | for Insulators      | Dimensions in mm |        |       |        |     | Short circuit current kA | Weight kg |
|------------|---------------------|------------------|--------|-------|--------|-----|--------------------------|-----------|
|            |                     | Outside Ø        | Height | Arm Ø | Tube Ø | b   |                          |           |
| 4740.9551  | LG60,75/LP 60,75,85 | 440              | 210    | 22    | 48     | 500 | 30                       | 6,30      |
| 4740.9552  | LG60,75/LP60,75,85  | 440              | 210    | 28    | 48     | 500 | 40                       | 7,10      |
| 4740.9553  | K 230 – 290         | 440              | 110    | 22    | 48     | 500 | 30                       | 6,10      |
| 4750.52/28 | LG/LP               | 500              | 210    | 22    | 48     | 560 | 30                       | 7,40      |
| 4740.9651  | LG/LP               | 500              | 210    | 28    | 48     | 560 | 40                       | 7,90      |

Other dimensions on request.



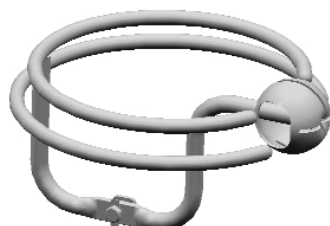
## Arcing rings racket type

made from tubes single or double



## Adjustable arcing device

adjustable horns and rings for all purposes



## Bundle rings

upto 380 kV

All arcing devices with connecting straps for shunts on request.