

# SPECIAL BUSHING INSULATORS

*Epoxy Resin , Indoor Use Only*

## BUSHING 7,2 kV Range for Partition Mounting

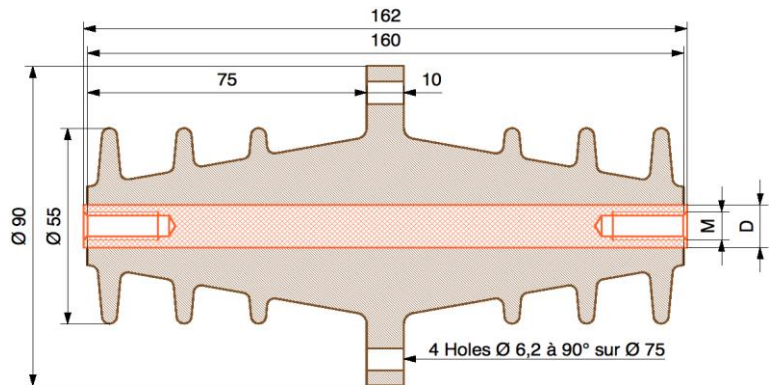
| REFERENCE  | CURRENT | D  | M   |
|------------|---------|----|-----|
| TS 7,2-250 | 250 A   | 12 | M8  |
| TS 7,2-400 | 400 A   | 16 | M10 |

Nominal Voltage : 7,2 kV

Dielectrical Test : 20 kV / 1 mn

Lightning Impulse : 60 kV (1,2/50)

Creepage Distance : 131 mm (18,1 kV/mm)



## BUSHING 12 kV Range For Central Mounting

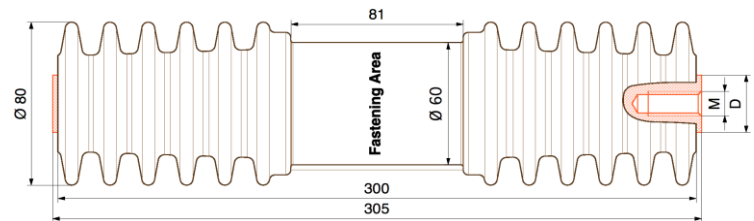
| REFERENCE  | CURRENT | D  | M   |
|------------|---------|----|-----|
| TS 12-400  | 400 A   | 16 | M10 |
| TS 12-630  | 630 A   | 18 | M10 |
| TS 12-1250 | 1250 A  | 28 | M12 |
| TS 12-1600 | 1600 A  | 32 | M16 |

Nominal Voltage : 12 kV

Dielectrical Test : 28 kV / 1 mn

Lightning Impulse : 75 kV (1,2/50)

Creepage Distance : 236 mm (19,7 kV/mm)



## BUSHING 24 kV Range For Central Mounting

| REFERENCE    | CURRENT | D  | L1  | L2 | L3   | Shield |
|--------------|---------|----|-----|----|------|--------|
| TS 24-400 E1 | 400 A   | 16 | 490 | 55 | 29,5 | yes    |
| TS 24-400 E2 | 400 A   | 16 | 498 | 51 | 37,5 | yes    |
| TS 24-630 E1 | 630 A   | 18 | 490 | 55 | 29,5 | yes    |
| TS 24-630 E2 | 630 A   | 18 | 498 | 51 | 37,5 | yes    |

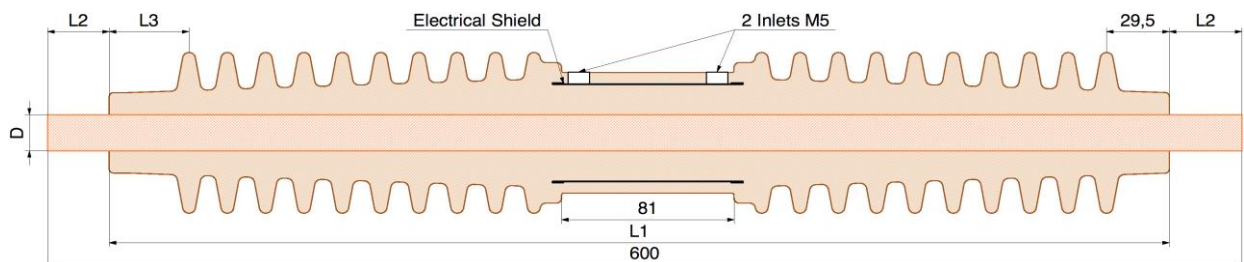
Nominal Voltage : 24 kV

Dielectrical Test : 50 kV / 1 mn

Lightning Impulse : 125 kV (1,2/50)

Partial Discharge Level < 10 pC à 15,2 kV

Creepage Distance : 434 mm (18,0 kV/mm)



Option : Silver Plating Terminals

Different Terminals on Request

Standard Color : Electrical Brown

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S/96-036/B-1 03-13



# BUSHING INSULATORS

For Indoor Use

For Outdoor Use

**Range 7,2 kV / 12 kV**

(Without Electrical Shield)

Maximum Voltage : 12 kV

Lightning Impulse : 75 kV (1,2/50)

Dielectrical Test : 28 kV / 1mm

Partial Discharges : NC

| REFERENCE                       | CURRENT | Ø D | L1  | L2  | L3    | L4    | M  | Creepage | C.D./kV        |
|---------------------------------|---------|-----|-----|-----|-------|-------|----|----------|----------------|
|                                 |         | mm  | mm  | mm  | mm    | mm    | mm | mm       | 7,2 kV - 12 kV |
| TS 400/44 SRI ou SRE (Outdoor)  | 400 A   | 18  | 313 | 323 | 170,5 | 125,5 | 8  | 316      | 43 - 26 mm/kV  |
| TS 630/44 SRI ou SRE (Outdoor)  | 630 A   | 20  | 313 | 323 | 170,5 | 125,5 | 10 | 316      | 43 - 26 mm/kV  |
| TS 1000/44 SRI ou SRE (Outdoor) | 1000 A  | 25  | 313 | 323 | 170,5 | 125,5 | 12 | 316      | 43 - 26 mm/kV  |
| TS 1250/44 SRI ou SRE (Outdoor) | 1250 A  | 30  | 313 | 323 | 170,5 | 125,5 | 12 | 316      | 43 - 26 mm/kV  |

**Range 12 kV / 17,5 kV**

(Without Electrical Shield)

Maximum Voltage : 17,5 kV

Lightning Impulse : 95 kV (1,2/50)

Dielectrical Test : 38 kV / 1mm

Partial Discharges : NC

| REFERENCE                       | CURRENT | Ø D | L1  | L2  | L3    | L4    | M  | Creepage | C.D./kV         |
|---------------------------------|---------|-----|-----|-----|-------|-------|----|----------|-----------------|
|                                 |         | mm  | mm  | mm  | mm    | mm    | mm | mm       | 12 kV - 17,5 kV |
| TS 400/55 SRI ou SRE (Outdoor)  | 400 A   | 18  | 369 | 379 | 198,5 | 153,5 | 8  | 403      | 33 - 23 mm/kV   |
| TS 630/55 SRI ou SRE (Outdoor)  | 630 A   | 20  | 369 | 379 | 198,5 | 153,5 | 10 | 403      | 33 - 23 mm/kV   |
| TS 1000/55 SRI ou SRE (Outdoor) | 1000 A  | 25  | 369 | 379 | 198,5 | 153,5 | 12 | 403      | 33 - 23 mm/kV   |
| TS 1250/55 SRI ou SRE (Outdoor) | 1250 A  | 30  | 369 | 379 | 198,5 | 153,5 | 12 | 403      | 33 - 23 mm/kV   |
| TS 400/66 SRI ou SRE (Outdoor)  | 400 A   | 18  | 425 | 435 | 226,5 | 181,5 | 8  | 492      | 41 - 28 mm/kV   |
| TS 630/66 SRI ou SRE (Outdoor)  | 630 A   | 20  | 425 | 435 | 226,5 | 181,5 | 10 | 492      | 41 - 28 mm/kV   |
| TS 1000/66 SRI ou SRE (Outdoor) | 1000 A  | 20  | 425 | 435 | 226,5 | 181,5 | 12 | 492      | 41 - 28 mm/kV   |
| TS 1250/66 SRI ou SRE (Outdoor) | 1250 A  | 30  | 425 | 435 | 226,5 | 181,5 | 12 | 492      | 41 - 28 mm/kV   |

**Range 17,5 kV / 24 kV**

(With Electrical Shield)

Maximum Voltage : 24 kV

Lightning Impulse : 125 kV (1,2/50)

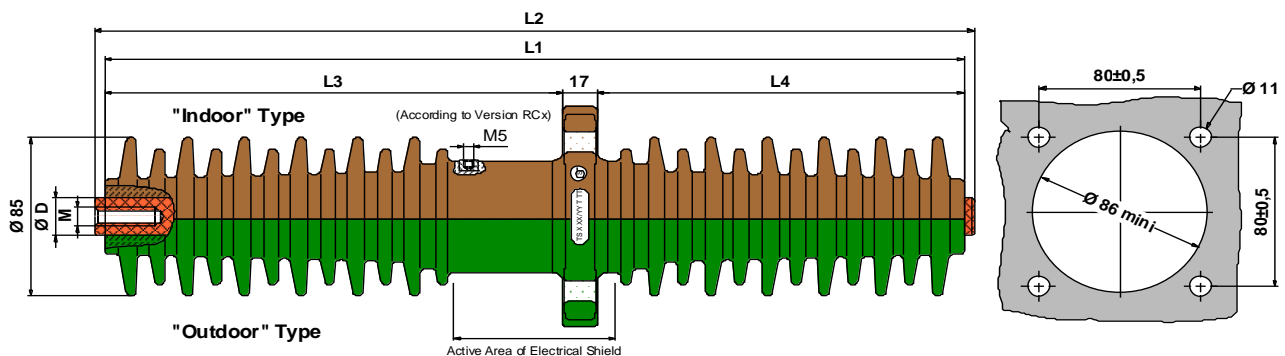
Dielectrical Test : 50 kV / 1mm

Partial Discharges : 2 pC à 15,2 kV

| REFERENCE                       | CURRENT | Ø D | L1  | L2  | L3    | L4    | M  | Creepage | C.D./kV         |
|---------------------------------|---------|-----|-----|-----|-------|-------|----|----------|-----------------|
|                                 |         | mm  | mm  | mm  | mm    | mm    | mm | mm       | 17,5 kV - 24 kV |
| TS 400/66 RCI ou RCE (Outdoor)  | 400 A   | 18  | 425 | 435 | 226,5 | 181,5 | 8  | 492      | 28 - 20 mm/kV   |
| TS 630/66 RCI ou RCE (Outdoor)  | 630 A   | 20  | 425 | 435 | 226,5 | 181,5 | 10 | 492      | 28 - 20 mm/kV   |
| TS 1000/66 RCI ou RCE (Outdoor) | 1000 A  | 25  | 425 | 435 | 226,5 | 181,5 | 12 | 492      | 28 - 20 mm/kV   |
| TS 400/77 RCI ou RCE (Outdoor)  | 400 A   | 18  | 481 | 491 | 254,5 | 209,5 | 8  | 581      | 33 - 24 mm/kV   |
| TS 630/77 RCI ou RCE (Outdoor)  | 630 A   | 20  | 481 | 491 | 254,5 | 209,5 | 10 | 581      | 33 - 24 mm/kV   |
| TS 1000/77 RCI ou RCE (Outdoor) | 1000 A  | 25  | 481 | 491 | 254,5 | 209,5 | 12 | 581      | 33 - 24 mm/kV   |

(Height Limits + or - 1 mm)

Other Limits : ISO 2768.m.k



Silver Plating Terminals , Tight Joint (for Outdoor Use) on Option

Clamping Draw

Standard Color : xxI : Electrical Brown , xxE : Green

Indicate Use Conditions before Order

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