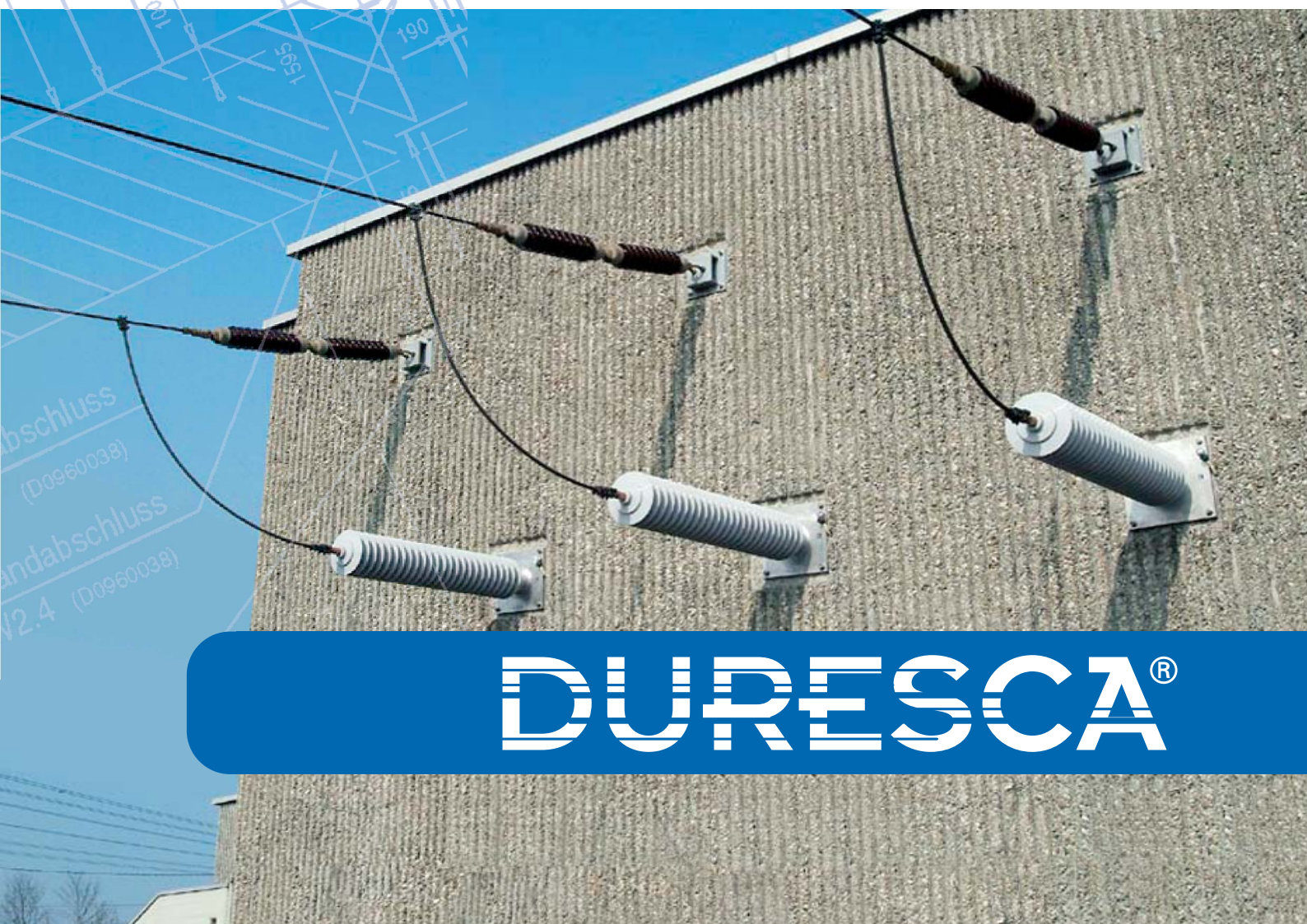


**Duresca® Wanddurchführungen**  
für Innenraum- und Freiluftanwendungen

***Duresca® Wall bushings***  
*for indoor and outdoor applications*

**Duresca® Traversées murales**  
pour des applications intérieures et extérieures



**DURESCA®**



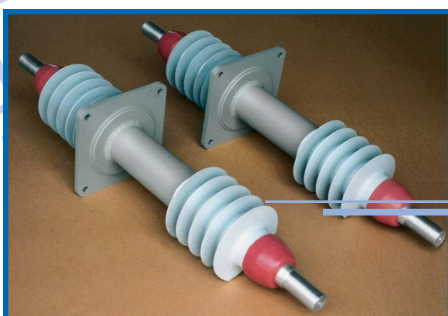
DE 17,5 kV – 2500 A

## Duresca®

**Schienensystem**

**Busbar system**

**Systèmes de barres**



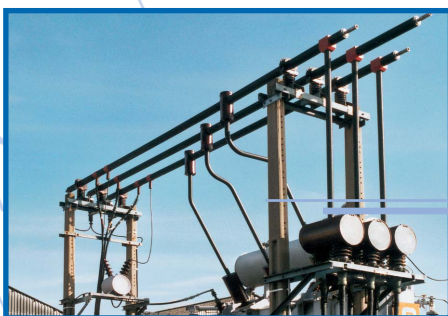
DM21 36 kV – 1600 A

## Duresca®

**Wanddurchführungen**

**Wall bushings**

**Traversées murales**



TE 24 kV – 1250 A

## Tiresca®

**Schienensystem**

**Busbar system**

**Systèmes de barres**



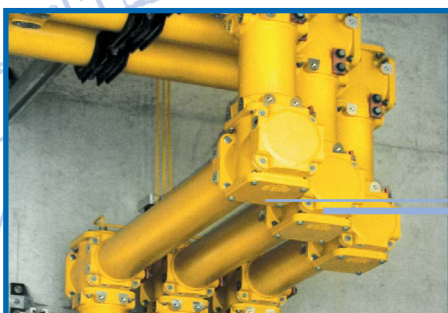
DTOI 123 kV – 1250 A

## Travesca®

**Transformator-Durchführung**

**Transformer bushing**

**Traversées pour transformateur**



GL 12 kV – 2500 A

## Gaslink®

**SF<sub>6</sub> isolierter Schienensystem**

**SF<sub>6</sub> insulated busbar systems**

**Systèmes de barres isolé au SF<sub>6</sub>**



### Die Firma

Das Traditionsunternehmen wurde 1914 als Moser & Glaser Co. in Basel gegründet. 1958 entwickelte MGC Moser-Glaser AG die Technik zur Isolation von elektrischen Leitern mit harz imprägniertem Papier (RIP) für Hochspannungs- und Mittelspannungs-Durchführungen und Stromschienen.

Diese Technik wurde patentiert und eingetragen unter dem Namen DURESCA®.

Mit mehr als 45 Jahren Erfahrung und tausenden Anwendungen weltweit, ist die MGC Moser-Glaser AG der Spezialist für diese RIP-Technologie.

### The Company

*Moser & Glaser Company, Basel was founded in 1914. In 1958 MGC Moser-Glaser AG invented the RIP (Resin Impregnated Paper) technology: a process designed to insulate electrical conductors for bushings and busbars in middle and high voltage applications.*

*This technology was patented and protected under the name DURESCA®.*

*With more than 45 years experience and the fact that so many different applications worldwide delivered makes MGC a leader in this technology.*

### La Société

Cette entreprise familiale a été fondée en 1914 à Bâle en Suisse sous le nom de Moser & Glaser Co. SA. A partir de 1958, elle a développé la technique de l'isolation sèche des conducteurs électriques par imprégnation sous vide d'un papier crêpé avec de la résine époxyde (RIP), pour traversées et barres isolées haute et moyenne tension.

Cette technique a été patentée et commercialisée sous le nom de DURESCA®.

Après plus de 45 années d'expérience avec le RIP et des milliers d'applications dans le monde entier, MGC Moser-Glaser SA est devenu le spécialiste de cette technologie.

MGC Moser-Glaser AG CH-4303 Kaiseraugst Switzerland



## Aufbau & Beschreibung

### Design & Description

### Construction & Description

Die DURESCA® Wanddurchführungen besitzen eine trockene Isolation aus RIP (Resin Impregnated Paper). Die Isolation liegt direkt auf dem Leiter oder Rohr und besteht aus gewickeltem Papier, das unter Vakuum mit Harz imprägniert wird. Für die bestmögliche Verteilung des elektrischen Feldes werden in die Papierisolation Steuerungsbeläge eingelegt. Dieser Aufbau ermöglicht eine längstmögliche Betriebssicherheit und eine höchstmögliche Sicherheit für Mensch und Anlage.

Die MGC Wanddurchführungen sind in 2 Ausführungen verfügbar:

**Typ DEM** bis zu einem Durchmesser Dfl des Flansches von 170 mm. Die Isolationsoberfläche ist mit einer hochwertigen gewellten Polyamid Schutzhülle umgeben.

**Typ DM** wird eingesetzt für die Durchmesser Dfl grösser als 170 mm. Die Isolationsoberfläche ist mit einem hochwertigen Lack geschützt.

*The DURESCA® wall bushings have a dry insulation of RIP (Resin Impregnated Paper). The insulation lays directly on the conductor or tube and consists of wrapped paper direct under vacuum impregnated with epoxy resin. Conductive grading layers are embedded during the wrapping in the insulation for the best field control. This guarantees the highest operational and human safety.*

*The MGC wall bushings are available in 2 designs:*

**Type DEM** available with a diameter Dfl of the flange up to 170 mm. The insulated body is covered by a high quality corrugated protection tube in polyamide.

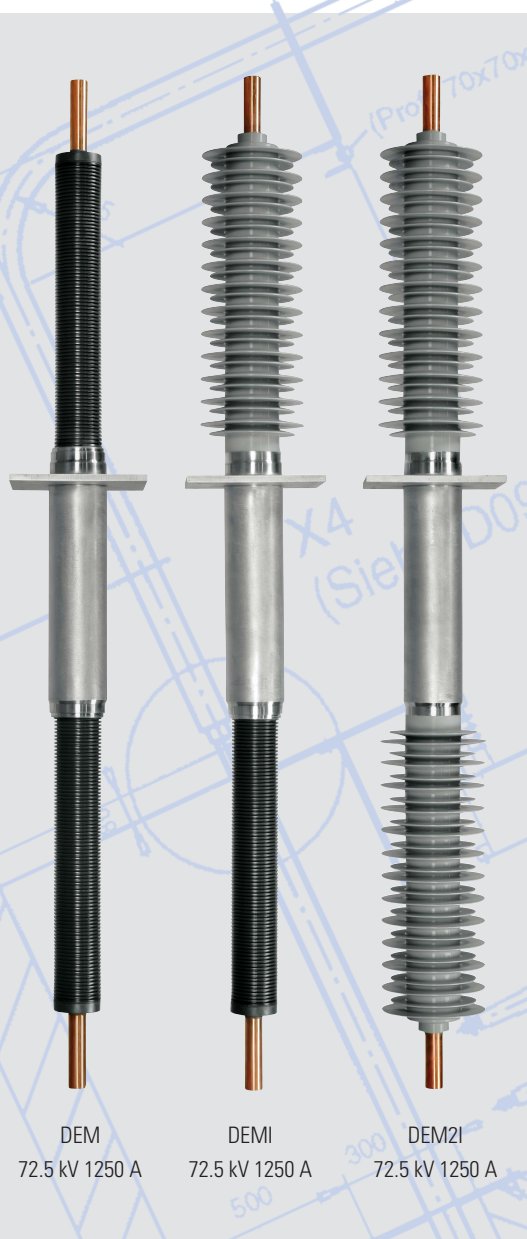
**Type DM** will be used with a diameter Dfl with more than 170 mm. The insulation body is protected by a high quality varnish.

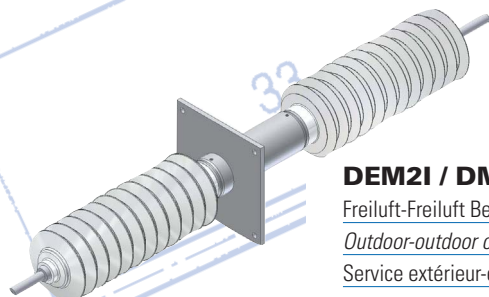
Les traversées murales DURESCA® sont constituées d'un corps isolant sec du type RIP (Resin Impregnated Paper). Cette isolation est obtenue par enroulement autour du conducteur ou tube central, de papier séché sous vide et imprégné de résine époxy. Une bonne répartition du champ électrique est obtenue par un guidage capacitif fin. Cette conception garantit une sécurité optimale pour les biens et les personnes.

Les traversées murales MGC sont disponibles sous 2 exécutions:

**Type DEM** lorsque le diamètre Dfl de la bride n'excède pas 170 mm. Le corps isolant est protégé par un tube annelé en polyamide de grande qualité.

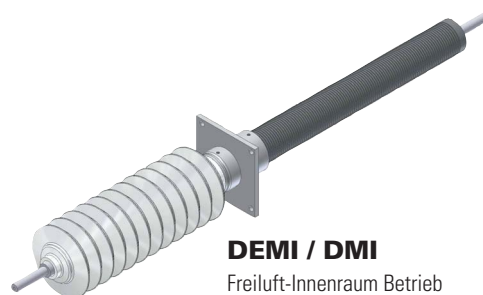
**Type DM** pour tout diamètre Dfl supérieur à 170 mm. Un vernis de protection protège le corps isolant.





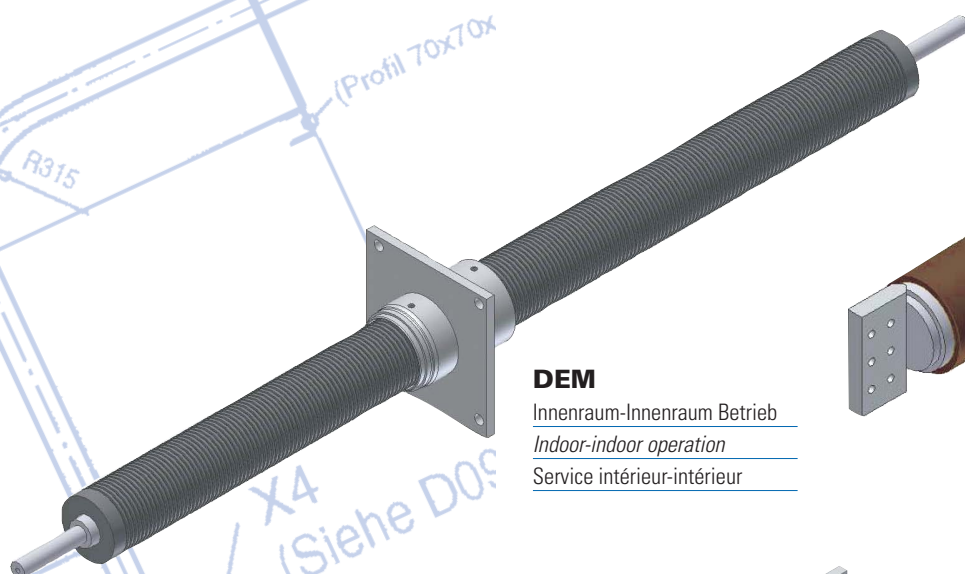
**DEM2I / DM2I**

Freiluft-Freiluft Betrieb  
*Outdoor-outdoor operation*  
Service extérieur-extérieur



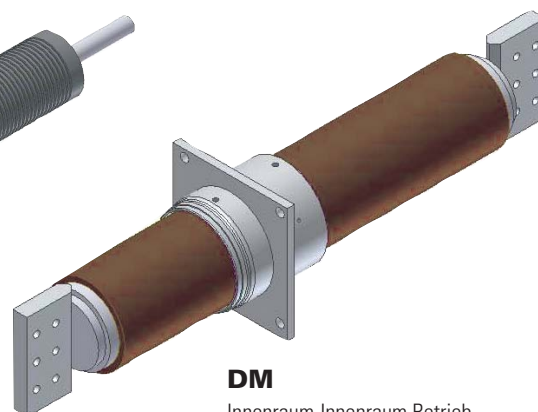
**DEMI / DMI**

Freiluft-Innenraum Betrieb  
*Outdoor-indoor operation*  
Service extérieur-intérieur



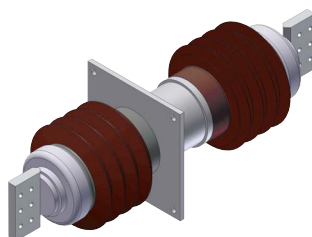
**DEM**

Innenraum-Innenraum Betrieb  
*Indoor-indoor operation*  
Service intérieur-intérieur



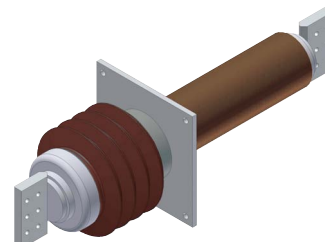
**DM**

Innenraum-Innenraum Betrieb  
*Indoor-indoor operation*  
Service intérieur-intérieur



**DEM2P / DM2P**

Freiluft-Freiluft Betrieb  
*Outdoor-outdoor operation*  
Service extérieur-extérieur



**DEMP / DMP**

Freiluft-Innenraum Betrieb  
*Outdoor-indoor operation*  
Service extérieur-intérieur

**Legende / Legend / Légende**

**DEM**

mit Polyamid-Schutzrohr  
*with corrugated protection tube in polyamid*  
protégé par un tube annelé en polyamide

**I**

Silikon-Isolator  
*Silicone rubber insulator*  
Isolateur composite

**DM**

mit Lack-Schutz  
*protected with a varnish*  
avec vernis de protection

**P**

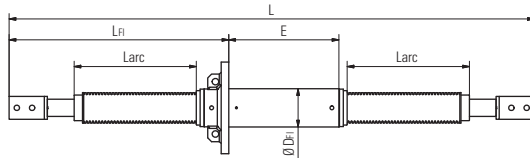
Porzellan-Isolator  
*Porcelain insulator*  
Isolateur en porcelaine

## DEM / DM

Innenraum-Innenraum

Indoor-indoor

Intérieur-intérieur



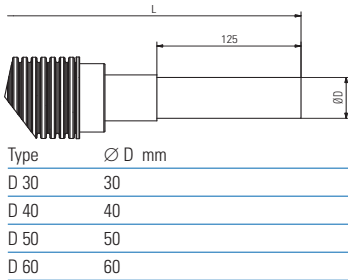
## DEMI / DMI

Freiluft-Innenraum

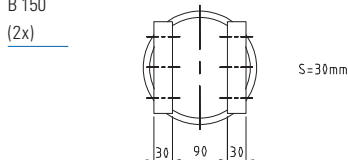
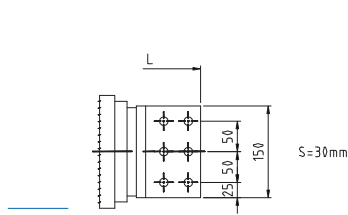
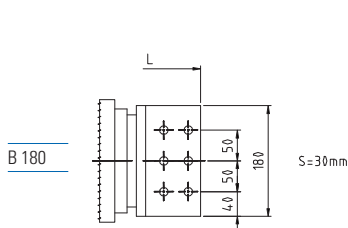
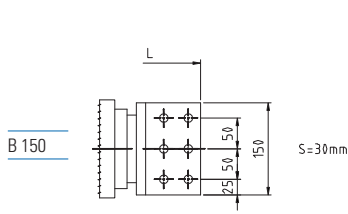
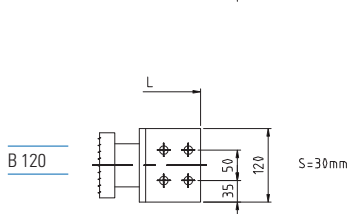
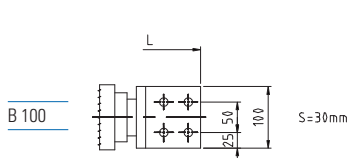
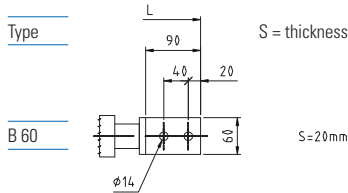
Outdoor-indoor

Extérieur-intérieur

### AI Connections – AI stud terminals



### AI Flat pads terminals according to DIN 46206



### AI Conductor – Technical datas & Dimensions for a wall thickness E = 300 mm

| Type                                               | Ir : A                 | Ø Dfl | L    | Larc min. | Lfl  | Ø Da | Flange | Terminal Stud | Flat pad | Weight (kg) | DEM/DM | DEMI/DMI | DEM2I/DM2I |
|----------------------------------------------------|------------------------|-------|------|-----------|------|------|--------|---------------|----------|-------------|--------|----------|------------|
| <b>U<sub>m</sub>/U<sub>p</sub>/U<sub>bil</sub></b> | <b>24/50/125 kV</b>    |       | 1375 | 320       | 575  |      |        |               |          |             |        |          |            |
| <b>DEM/DEMI/DEM2I</b>                              | 630/800/1000/1250      | 100   |      |           |      | 200  | A1     | D40           | B60      | 16          | 18     | 21       |            |
|                                                    | 1600/2000              | 130   |      |           |      | 233  | B1     | -             | B100     | 26          | 30     | 33       |            |
|                                                    | 2500                   | 170   |      |           |      | 272  | C1     | -             | B100     | 38          | 42     | 47       |            |
| <b>DM/DMI/DM2I</b>                                 | 3150                   | 170   |      |           |      | 272  | C1     | -             | B120     | 38          | 42     | 46       |            |
|                                                    | 4000/5000              | 226   |      |           |      | 321  | E1     | -             | B180     | 51          | 58     | 64       |            |
|                                                    | 6300                   | 290   |      |           |      | 385  | F1     | -             | 2x B150  | 73          | 80     | 88       |            |
| <b>U<sub>m</sub>/U<sub>p</sub>/U<sub>bil</sub></b> | <b>36/70/170 kV</b>    |       | 1375 | 320       | 575  |      |        |               |          |             |        |          |            |
| <b>DEM/DEMI/DEM2I</b>                              | 630/800/1000/1250      | 100   |      |           |      | 200  | A1     | D40           | B60      | 16          | 18     | 21       |            |
|                                                    | 1600/2000              | 130   |      |           |      | 233  | B1     | -             | B100     | 26          | 30     | 33       |            |
|                                                    | 2500                   | 170   |      |           |      | 272  | C1     | -             | B100     | 38          | 42     | 47       |            |
| <b>DM/DMI/DM2I</b>                                 | 3150                   | 170   |      |           |      | 272  | C1     | -             | B120     | 38          | 42     | 47       |            |
|                                                    | 4000/5000              | 226   |      |           |      | 321  | E1     | -             | B180     | 51          | 58     | 64       |            |
|                                                    | 6300                   | 290   |      |           |      | 385  | F1     | -             | 2x B150  | 73          | 80     | 88       |            |
| <b>U<sub>m</sub>/U<sub>p</sub>/U<sub>bil</sub></b> | <b>52/95/250 kV</b>    |       | 2075 | 665       | 925  |      |        |               |          |             |        |          |            |
| <b>DEM/DEMI/DEM2I</b>                              | 630/800                | 100   |      |           |      | 200  | A1     | D30           | B60      | 19          | 24     | 30       |            |
|                                                    | 1000/1250/1600         | 130   |      |           |      | 233  | B1     | D50           | B60      | 36          | 43     | 50       |            |
|                                                    | 2000                   | 170   |      |           |      | 272  | C1     | -             | B100     | 54          | 63     | 73       |            |
| <b>DM/DMI/DM2I</b>                                 | 2500                   | 170   |      |           |      | 272  | C1     | -             | B100     | 55          | 64     | 72       |            |
|                                                    | 3150                   | 226   |      |           |      | 321  | E1     | -             | B150     | 82          | 94     | 107      |            |
| <b>U<sub>m</sub>/U<sub>p</sub>/U<sub>bil</sub></b> | <b>72,5/140/325 kV</b> |       | 2075 | 665       | 925  |      |        |               |          |             |        |          |            |
| <b>DEM/DEMI/DEM2I</b>                              | 630/800                | 100   |      |           |      | 200  | A1     | D30           | B60      | 19          | 24     | 30       |            |
|                                                    | 1000/1250/1600         | 130   |      |           |      | 233  | B1     | D50           | B60      | 36          | 43     | 50       |            |
|                                                    | 2000                   | 170   |      |           |      | 272  | C1     | -             | B100     | 54          | 63     | 73       |            |
| <b>DM/DMI/DM2I</b>                                 | 2500                   | 170   |      |           |      | 272  | C1     | -             | B100     | 55          | 64     | 72       |            |
|                                                    | 3150                   | 226   |      |           |      | 321  | E1     | -             | B150     | 82          | 94     | 107      |            |
| <b>U<sub>m</sub>/U<sub>p</sub>/U<sub>bil</sub></b> | <b>100/185/450 kV</b>  |       | 2975 | 1115      | 1375 |      |        |               |          |             |        |          |            |
| <b>DEM/DEMI/DEM2I</b>                              | 630/800                | 130   |      |           |      | 233  | B1     | D30           | B60      | 43          | 54     | 65       |            |
|                                                    | 1000/1250/1600         | 170   |      |           |      | 272  | C1     | D60           | B60      | 81          | 96     | 111      |            |
| <b>DM/DMI/DM2I</b>                                 | 2000                   | 226   |      |           |      | 321  | E1     | -             | B100     | 78          | 92     | 106      |            |
|                                                    | 2500/3150              | 226   |      |           |      | 321  | E1     | -             | B120     | 86          | 139    | 159      |            |
| <b>U<sub>m</sub>/U<sub>p</sub>/U<sub>bil</sub></b> | <b>123/230/550 kV</b>  |       | 2975 | 1115      | 1375 |      |        |               |          |             |        |          |            |
| <b>DEM/DEMI/DEM2I</b>                              | 630/800                | 130   |      |           |      | 233  | B1     | D30           | B60      | 43          | 54     | 65       |            |
|                                                    | 1000/1250/1600         | 170   |      |           |      | 272  | C1     | D60           | B60      | 81          | 96     | 111      |            |
| <b>DM/DMI/DM2I</b>                                 | 2000                   | 226   |      |           |      | 321  | E1     | -             | B100     | 78          | 92     | 106      |            |
|                                                    | 2500/3150              | 226   |      |           |      | 321  | E1     | -             | B120     | 86          | 139    | 159      |            |
| <b>U<sub>m</sub>/U<sub>p</sub>/U<sub>bil</sub></b> | <b>145/275/650 kV</b>  |       | 3375 | 1315      | 1575 |      |        |               |          |             |        |          |            |
| <b>DEM/DEMI/DEM2I</b>                              | 630/800/1000/1250      | 170   |      |           |      | 272  | C1     | D50           | B60      | 87          | 105    | 122      |            |
| <b>DM/DMI/DM2I</b>                                 | 1600/2000              | 170   |      |           |      | 272  | C1     | -             | B100     | 89          | 122    | 135      |            |
|                                                    | 2500                   | 226   |      |           |      | 321  | E1     | -             | B100     | 141         | 165    | 188      |            |
| <b>U<sub>m</sub>/U<sub>p</sub>/U<sub>bil</sub></b> | <b>170/325/750 kV</b>  |       | 3775 | 1515      | 1775 |      |        |               |          |             |        |          |            |
| <b>DEM/DEMI/DEM2I</b>                              | 630/800/1000           | 170   |      |           |      | 272  | C1     | D40           | B60      | 92          | 113    | 133      |            |
| <b>DM/DMI/DM2I</b>                                 | 1250/1600              | 170   |      |           |      | 272  | C1     | D60           | B60      | 106         | 132    | 159      |            |
|                                                    | 2000/2500              | 226   |      |           |      | 321  | E1     |               | B100     | 160         | 187    | 214      |            |
| <b>U<sub>m</sub>/U<sub>p</sub>/U<sub>bil</sub></b> | <b>245/460/1050 kV</b> |       | 4975 | 2115      | 2375 |      |        |               |          |             |        |          |            |
| <b>DM/DMI/DM2I</b>                                 | 630/800/1000/1250/1600 | 226   |      |           |      | 321  | E1     | D60           | B60      | 224         | 262    | 299      |            |

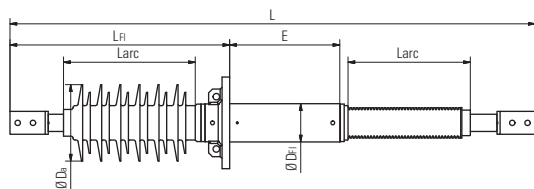
Gemäss / According to / Selon IEC 60137:

### Standard-Ausführung / Standard design / Exécution standard

|                                                                                                                       |                 |
|-----------------------------------------------------------------------------------------------------------------------|-----------------|
| Wanddicke E / Wall thickness E / Epaisseur de paroi E                                                                 | 300 mm / 500 mm |
| Freiluft-Isolator aus Silikon / Outdoor operation: silicone rubber insulator / Service extérieur: isolateur composite | 31 mm/kV        |
| Umgebungstemperatur / Ambient temperature / Température ambiante                                                      | - 40 / +40 °C   |

### Option / Optional / Option

|                                                                                                 |
|-------------------------------------------------------------------------------------------------|
| Andere Abmessungen E auf Anfrage / Other lengths E on request / Autres dimensions E sur demande |
| Porzellan-Isolator / Porcelain insulator / Isolateur en porcelaine                              |
| Stromwandler / Current transformer / Transformateur de courant                                  |

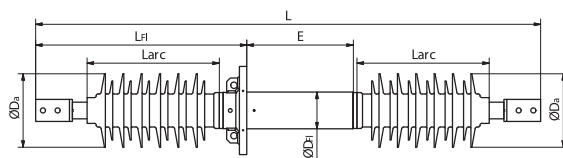


## DEM2I / DM2I

Freiluft-Freiluft

Outdoor-outdoor

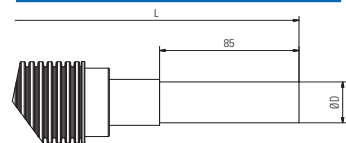
Extérieur-extérieur



## Cu Conductor – Technical datas & Dimensions for a wall thickness E = 300 mm

| Type                                             | Ir : A            | Ø Dfl | L    | Larc min. | Lfl  | Ø Da | Flange | Terminal |          | Weight (kg) |          |            |
|--------------------------------------------------|-------------------|-------|------|-----------|------|------|--------|----------|----------|-------------|----------|------------|
|                                                  |                   |       |      |           |      |      |        | Stud     | Flat pad | DEM/DM      | DEMI/DMI | DEM2I/DM2I |
| U <sub>m</sub> /U <sub>p</sub> /U <sub>bi1</sub> | 24/50/125 kV      |       | 1295 | 320       | 535  |      |        |          |          |             |          |            |
| DEM                                              | 630/800/1000      | 70    |      |           |      |      | Y1     | D25      | BS60     | 12          | -        | -          |
|                                                  | 1250              | 80    |      |           |      |      | Z1     | D32      | B28      | 17          | -        | -          |
| DEMI/DEM2I                                       | 630/800/1000/1250 | 100   |      |           |      | 200  | A1     | D45      | B40      | -           | 30       | 33         |
| DEM/DEMI/DEM2I                                   | 1600              | 100   |      |           |      | 200  | A1     | D45      | B40      | 27          | 30       | 33         |
|                                                  | 2000/2500         | 130   |      |           |      | 233  | B1     | D70      | BS100    | 38          | 41       | 45         |
|                                                  | 3150/4000         | 170   |      |           |      | 272  | C1     | D110     | BS150    | 56          | 61       | 65         |
| U <sub>m</sub> /U <sub>p</sub> /U <sub>bi1</sub> | 36/70/170 kV      |       | 1295 | 320       | 535  |      |        |          |          |             |          |            |
| DEM                                              | 630/800/1000      | 70    |      |           |      |      | Y1     | D25      | BS60     | 12          | -        | -          |
|                                                  | 1250              | 80    |      |           |      |      | Z1     | D32      | B28      | 17          | -        | -          |
| DEMI/DEM2I                                       | 630/800/1000/1250 | 100   |      |           |      | 200  | A1     | D45      | B40      | -           | 30       | 33         |
| DEM/DEMI/DEM2I                                   | 1600              | 100   |      |           |      | 200  | A1     | D45      | B40      | 27          | 30       | 33         |
|                                                  | 2000/2500         | 130   |      |           |      | 233  | B1     | D70      | BS100    | 38          | 41       | 45         |
|                                                  | 3150              | 170   |      |           |      | 272  | C1     | D100     | BS100    | 68          | 73       | 77         |
| U <sub>m</sub> /U <sub>p</sub> /U <sub>bi1</sub> | 52/95/250 kV      |       | 1995 | 665       | 885  |      |        |          |          |             |          |            |
| DEM/DEMI/DEM2I                                   | 630/800/1000/1250 | 100   |      |           |      | 200  | A1     | D32      | B28      | 29          | 34       | 40         |
|                                                  | 1600              | 130   |      |           |      | 233  | B1     | D50      | B46      | 59          | 66       | 74         |
|                                                  | 2000/2500         | 170   |      |           |      | 272  | C1     | D80      | BS100    | 90          | 99       | 109        |
| U <sub>m</sub> /U <sub>p</sub> /U <sub>bi1</sub> | 72,5/140/325 kV   |       | 1995 | 665       | 885  |      |        |          |          |             |          |            |
| DEM/DEMI/DEM2I                                   | 630/800/1000/1250 | 100   |      |           |      | 200  | A1     | D32      | B28      | 29          | 34       | 40         |
|                                                  | 1600              | 130   |      |           |      | 233  | B1     | D50      | B46      | 59          | 66       | 74         |
|                                                  | 2000/2500         | 170   |      |           |      | 272  | C1     | D80      | BS100    | 90          | 99       | 109        |
| U <sub>m</sub> /U <sub>p</sub> /U <sub>bi1</sub> | 100/185/450 kV    |       | 2895 | 1115      | 1335 |      |        |          |          |             |          |            |
| DEM/DEMI/DEM2I                                   | 630/800/1000      | 130   |      |           |      | 200  | B1     | D32      | B28      | 58          | 69       | 81         |
|                                                  | 1250/1600         | 170   |      |           |      | 272  | C1     | D45      | B40      | 102         | 118      | 133        |
|                                                  | 2000              | 170   |      |           |      | 272  | C1     | D60      | B57      | 129         | 145      | 160        |
| U <sub>m</sub> /U <sub>p</sub> /U <sub>bi1</sub> | 123/230/550 kV    |       | 2895 | 1115      | 1335 |      |        |          |          |             |          |            |
| DEM/DEMI/DEM2I                                   | 630/800/1000      | 130   |      |           |      | 200  | B1     | D32      | B28      | 58          | 69       | 81         |
|                                                  | 1250/1600         | 170   |      |           |      | 272  | C1     | D45      | B40      | 102         | 118      | 133        |
|                                                  | 2000              | 170   |      |           |      | 272  | C1     | D60      | B57      | 129         | 145      | 160        |
| U <sub>m</sub> /U <sub>p</sub> /U <sub>bi1</sub> | 145/275/650 kV    |       | 3295 | 1315      | 1535 |      |        |          |          |             |          |            |
| DEM/DEMI/DEM2I                                   | 630/800/1000      | 170   |      |           |      | 272  | C1     | D32      | B28      | 96          | 114      | 132        |
|                                                  | 1250              | 170   |      |           |      | 272  | C1     | D40      | B37      | 108         | 125      | 143        |
| U <sub>m</sub> /U <sub>p</sub> /U <sub>bi1</sub> | 170/325/750 kV    |       | 3695 | 1515      | 1735 |      |        |          |          |             |          |            |
| DEM/DEMI/DEM2I                                   | 630/800/1000      | 170   |      |           |      | 272  | C1     | D32      | B28      | 108         | 128      | 148        |
|                                                  | 1250              | 170   |      |           |      | 272  | C1     | D40      | B37      | 120         | 148      | 161        |

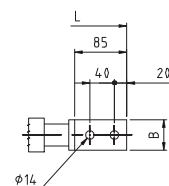
## Cu Connections – Cu stud terminals



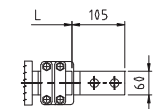
| Type  | Ø D mm |
|-------|--------|
| D 25  | 25     |
| D 32  | 32     |
| D 40  | 40     |
| D 45  | 45     |
| D 50  | 50     |
| D 60  | 60     |
| D 70  | 70     |
| D 80  | 80     |
| D 100 | 100    |
| D 110 | 110    |

## Cu Flat pads terminals according to DIN 46206

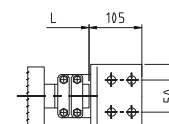
S = thickness



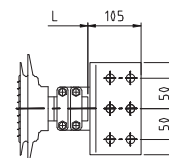
| Type | B mm | S mm |
|------|------|------|
| B 28 | 28   | 15   |
| B 37 | 37   | 15   |
| B 40 | 40   | 20   |
| B 46 | 46   | 20   |
| B 57 | 57   | 20   |



|       |    |    |
|-------|----|----|
| BS 60 | 60 | 20 |
|-------|----|----|



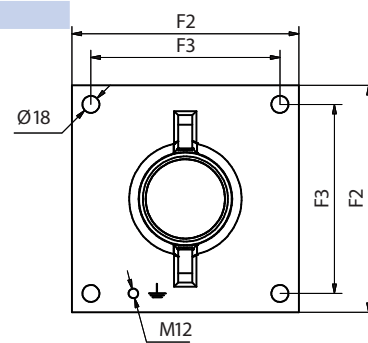
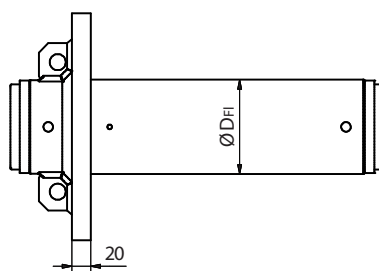
|        |     |    |
|--------|-----|----|
| BS 100 | 100 | 30 |
|--------|-----|----|



|        |     |    |
|--------|-----|----|
| BS 150 | 150 | 30 |
|--------|-----|----|

## Montage-Flansch / Mounting flange / Bride de fixation

| Type | Df1 Ø | F2  | F3  |
|------|-------|-----|-----|
|      | mm    | mm  | mm  |
| A1   | 100   | 240 | 200 |
| B1   | 130   | 350 | 300 |
| C1   | 170   | 350 | 300 |
| E1   | 226   | 400 | 350 |
| F1   | 290   | 450 | 400 |
| Y1   | 70    | 200 | 150 |
| Z1   | 80    | 200 | 150 |







Wanddurchführung  
Wall bushing  
Traversée murale  
145 kV - 400 A

HS Station von La Foretaille, SIG  
HV substation of La Foretaille, SIG  
Poste HT de La Foretaille, SIG

### **RIP-Durchführung mit einem Stromwandler ausgerüstet**

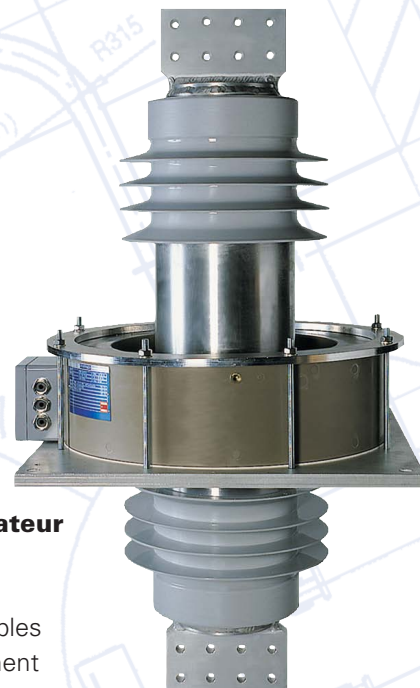
*Stromwandler:*

- mehrere Übersetzungen möglich
- gut zugängliche Sekundärelekmen
- geringer Platzbedarf
- bis zu 4 Kerne
- geeignet für sehr hohe Kurzschlussströme

### **RIP bushing equipped with a current transformer**

*Current transformer:*

- several ratios possible
- easily accessible secondary terminals
- compact size
- up to 4 cores
- suitable for very high short-time current

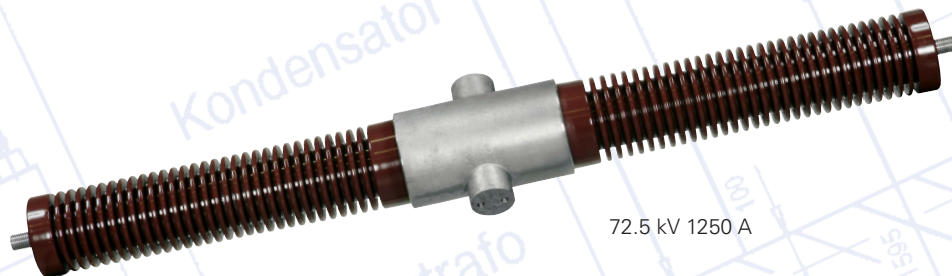


### **Traversée RIP équipée d'un transformateur de courant**

*Transformateur de courant:*

- nombreux rapports de transformation possibles
- bornes de raccordement secondaire facilement accessible
- dimensions réduites
- apte à supporter des courants de court-circuit élevés

### **Sonder-Durchführung für Trenner / Special bushing for disconnecter / Traversée spéciale pour sectionneur**



72.5 kV 1250 A