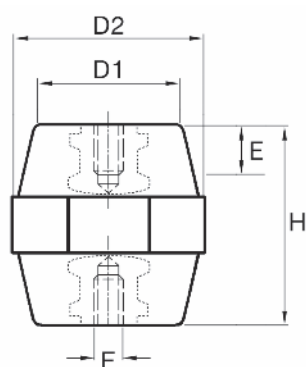
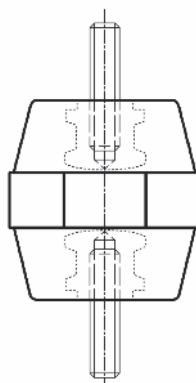
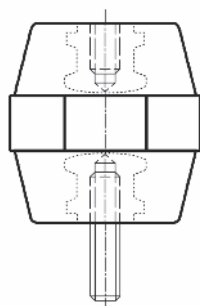
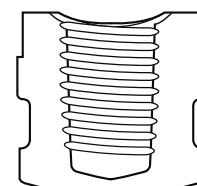
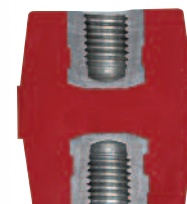
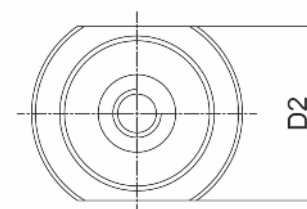




CON 1 AM



CON 2 AM



INSERTO

## Isolatori Distanziatori DB/P

Prodotti tramite stampaggio a compressione e realizzati solo in massa poliestere rinforzata con fibra di vetro BMC RF 3/20 certificata UL e classificata HL2 secondo la EN 45545-2.

Su richiesta possiamo fornire gli isolatori con:

- Inserti femmina in **inox**
- Inserti femmina in **pollici**
- Uno o due attacchi maschio "AM" montati e bloccati

## Standoff Insulators DB/P

Manufactured by compression molding and made only in polyester material reinforced with fiberglass BMC RF 3/20 UL certified and classified HL2 according to EN 45545-2.

On request we can supply the insulators with:

- Female inserts made of **stainless steel**
- Female inserts in **inches sizes**
- One or two male connections type "AM" set and locked



I nostri prodotti sono certificati UL:  
Our products are UL certified:  
File Nr. E502533 - File Nr. E502534



I nostri prodotti sono conformi alle seguenti direttive Europee:  
Our products are in conformity with the European standards:  
Direttiva Bassa Tensione (Low Voltage Directive) 2014/35/EU  
Regolamento REACH (EC Regulation) Nr. 1907/2006  
Direttiva RoHS (Council Directive) 2011/65/CE



100% prodotto Italiano  
100% Italian product

| Articolo<br>Item | F    | E<br>(mm) | Valore<br>di serraggio<br>Tightening torque | H<br>(mm) | D1<br>(mm) | D2<br>(mm) | Tensione<br>di esercizio<br>Operating voltage | Conf.<br>Pack. | Peso<br>Weight<br>(Kg) |
|------------------|------|-----------|---------------------------------------------|-----------|------------|------------|-----------------------------------------------|----------------|------------------------|
| DB 12/P          | M 3  | 3         | 1 Nm                                        | 12        | 10         | 11         | 220 V                                         | 1.400          | 4,00                   |
|                  | M 4  | 3         | 2 Nm                                        |           |            |            |                                               |                |                        |
| DB 16/P          | M 3  | 4         | 2 Nm                                        | 16        | 13         | 14         | 380 V                                         | 700            | 4,00                   |
|                  | M 4  | 4         | 4 Nm                                        |           |            |            |                                               |                |                        |
| DB 20/P          | M 4  | 6         | 4 Nm                                        | 20        | 15         | 17         | 500 V                                         | 400            | 4,30                   |
|                  | M 5  | 6         | 5 Nm                                        |           |            |            |                                               |                |                        |
|                  | M 6  | 5         | 8 Nm                                        |           |            |            |                                               |                |                        |
| DB 25/P          | M 5  | 7         | 6 Nm                                        | 25,2      | 15         | 19         | 600 V                                         | 250            | 3,40                   |
|                  | M 6  | 6         | 8 Nm                                        |           |            |            |                                               |                |                        |
| DB 30/P          | M 6  | 8         | 12 Nm                                       | 30        | 26         | 30         | 600 V                                         | 80             | 3,50                   |
|                  | M 8  | 8         | 16 Nm                                       |           |            |            |                                               |                |                        |
| DB 34/P          | M 6  | 10        | 12 Nm                                       | 35        | 28         | 32         | 1000 V                                        | 64             | 4,70                   |
|                  | M 8  | 10        | 18 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 10 | 10        | 24 Nm                                       |           |            |            |                                               |                |                        |
| DB 35/P          | M 6  | 10        | 12 Nm                                       | 35,5      | 35         | 41         | 1000 V                                        | 36             | 3,60                   |
|                  | M 8  | 10        | 20 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 10 | 10        | 26 Nm                                       |           |            |            |                                               |                |                        |
| DB 40/P          | M 6  | 13        | 10 Nm                                       | 40        | 40         | 46         | 1000 V                                        | 24             | 3,60                   |
|                  | M 8  | 13        | 20 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 10 | 12        | 24 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 12 | 12        | 36 Nm                                       |           |            |            |                                               |                |                        |
| DB 45/P          | M 6  | 12        | 14 Nm                                       | 45        | 35         | 41         | 1500 V                                        | 27             | 3,30                   |
|                  | M 8  | 12        | 22 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 10 | 14        | 28 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 12 | 12        | 36 Nm                                       |           |            |            |                                               |                |                        |
| DB 50/P          | M 6  | 12        | 10 Nm                                       | 51        | 29         | 36         | 2000 V                                        | 36             | 3,90                   |
|                  | M 8  | 12        | 22 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 10 | 13        | 26 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 12 | 12        | 36 Nm                                       |           |            |            |                                               |                |                        |
| DB 60/P          | M 8  | 14        | 22 Nm                                       | 60        | 46         | 55         | 2000 V                                        | 12             | 3,20                   |
|                  | M 10 | 16        | 26 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 12 | 17        | 36 Nm                                       |           |            |            |                                               |                |                        |
| DB 65/P          | M 6  | 17        | 12 Nm                                       | 63,5      | 35         | 41         | 3000 V                                        | 22             | 3,70                   |
|                  | M 8  | 16        | 22 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 10 | 16        | 26 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 12 | 17        | 36 Nm                                       |           |            |            |                                               |                |                        |
| DB 70/P          | M 10 | 16        | 26 Nm                                       | 70        | 52         | 65         | 4000 V                                        | 8              | 3,00                   |
|                  | M 12 | 16        | 36 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 16 | 23        | 50 Nm                                       |           |            |            |                                               |                |                        |
| DB 75/P          | M 8  | 17        | 22 Nm                                       | 76        | 36         | 50         | 5000 V                                        | 12             | 3,00                   |
|                  | M 10 | 16        | 26 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 12 | 17        | 36 Nm                                       |           |            |            |                                               |                |                        |
| DB 750/P         | M 8  | 19        | 22 Nm                                       | 75        | 52         | 65         | 5000 V                                        | 8              | 3,50                   |
|                  | M 10 | 20        | 26 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 12 | 20        | 36 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 16 | 21        | 50 Nm                                       |           |            |            |                                               |                |                        |
| DB 100/P         | M 10 | 20        | 26 Nm                                       | 101       | 52         | 65         | 8000 V                                        | 4              | 2,30                   |
|                  | M 12 | 19        | 36 Nm                                       |           |            |            |                                               |                |                        |
|                  | M 16 | 23        | 50 Nm                                       |           |            |            |                                               |                |                        |

| Articolo<br>Item | Tensione di scarica<br>superficiale C.A.<br>A.C. surface flashover voltage<br>(KV) | Tensione di scarica<br>interna C.A.<br>A.C. internal flashover voltage<br>(KV) | Sollecitazione<br>a trazione<br>Tensile stress<br>(DN) | Sollecitazione<br>a flessione<br>Cantilever stress<br>(DN) | Sollecitazione<br>a compressione<br>Compressive stress<br>(DN) | Sollecitazione<br>a torsione<br>Twisting stress<br>(DN x mm) |
|------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------|
| DB 16/P          | 3                                                                                  | 8                                                                              | 100                                                    | 50                                                         | 500                                                            | 0,4                                                          |
| DB 20/P          | 4                                                                                  | 15                                                                             | 150                                                    | 60                                                         | 600                                                            | 0,4                                                          |
| DB 25/P          | 7                                                                                  | 20                                                                             | 300                                                    | 180                                                        | 2.100                                                          | 3                                                            |
| DB 30/P          | 8                                                                                  | 23                                                                             | 500                                                    | 250                                                        | 4.400                                                          | 3                                                            |
| DB 34/P          | 10                                                                                 | 30                                                                             | 800                                                    | 450                                                        | 6.500                                                          | 5                                                            |
| DB 35/P          | 10                                                                                 | 30                                                                             | 1.100                                                  | 800                                                        | 8.000                                                          | 9                                                            |
| DB 40/P          | 10                                                                                 | 40                                                                             | 1.100                                                  | 800                                                        | 8.300                                                          | 10                                                           |
| DB 45/P          | 12                                                                                 | 40                                                                             | 1.200                                                  | 800                                                        | 8.000                                                          | 10                                                           |
| DB 50/P          | 12                                                                                 | 40                                                                             | 850                                                    | 450                                                        | 6.800                                                          | 6                                                            |
| DB 60/P          | 15                                                                                 | 40                                                                             | 1.500                                                  | 800                                                        | 11.700                                                         | 10                                                           |
| DB 65/P          | 15                                                                                 | 40                                                                             | 1.500                                                  | 700                                                        | 8.300                                                          | 6                                                            |
| DB 70/P          | 23                                                                                 | 50                                                                             | 2.450                                                  | 950                                                        | 16.600                                                         | 10                                                           |
| DB 75/P          | 25                                                                                 | 50                                                                             | 2.300                                                  | 900                                                        | 10.000                                                         | 10                                                           |
| DB 750/P         | 25                                                                                 | 50                                                                             | 2.800                                                  | 1.500                                                      | 15.000                                                         | 13                                                           |
| DB 100/P         | 30                                                                                 | 50                                                                             | 2.950                                                  | 1.550                                                      | 16.700                                                         | 14,5                                                         |

Temperatura di esercizio / Operating temperature: **-40° C + 130° C**

Carichi di rottura / Breaking charges: **Tolleranza / Allowance ± 10%**

Reazione al fuoco / Fire reaction: **Class UL94-V0 and HL2 for requirements R7 and R22/23 of EN45545-2**



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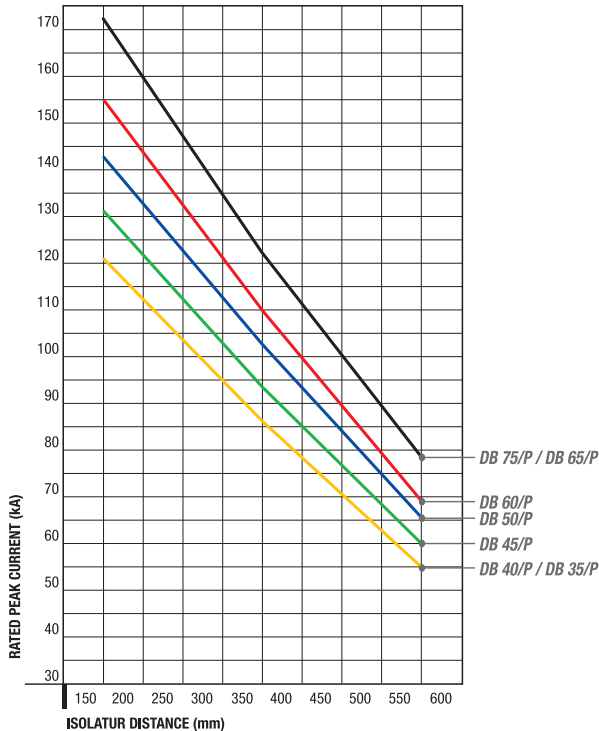


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100% Italian product

## Short-circuiting resistance of the isolators Type DB/P

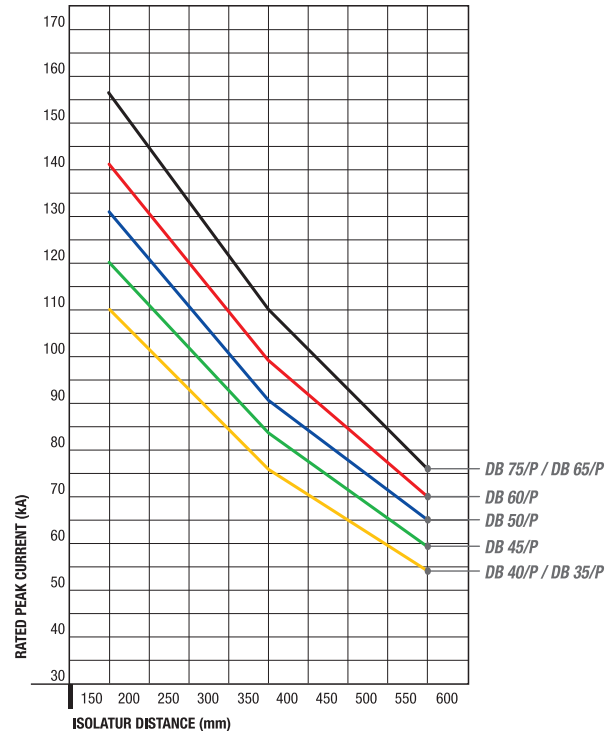
**TAB. 1** SHORT-CIRCUITING RESISTANCE / ISOLATOR DISTANCE

Isolator Type: DB 35/P to DB 75/P - M8/M10/M12  
Bus bar system Cu 1 x 60 mm x 10 mm / Distance between phases = 185 mm



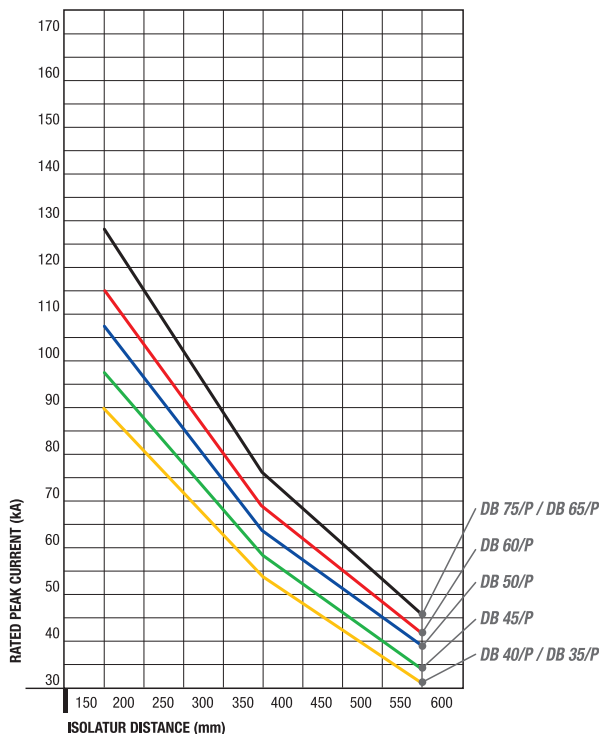
**TAB. 2** SHORT-CIRCUITING RESISTANCE / ISOLATOR DISTANCE

Isolator Type: DB 35/P to DB 75/P - M8/M10/M12  
Bus bar system Cu 1 x 80 mm x 10 mm / Distance between phases = 185 mm



**TAB. 3** SHORT-CIRCUITING RESISTANCE / ISOLATOR DISTANCE

Isolator Type: DB 35/P to DB 75/P - M8/M10/M12  
Bus bar system Cu 1 x 30 mm x 10 mm / Distance between phases = 100 mm



**TAB. 4** SHORT-CIRCUITING RESISTANCE / ISOLATOR DISTANCE

Isolator Type: DB 35/P to DB 75/P - M8/M10/M12  
Bus bar system Cu 1 x 40 mm x 10 mm / Distance between phases = 60 mm

