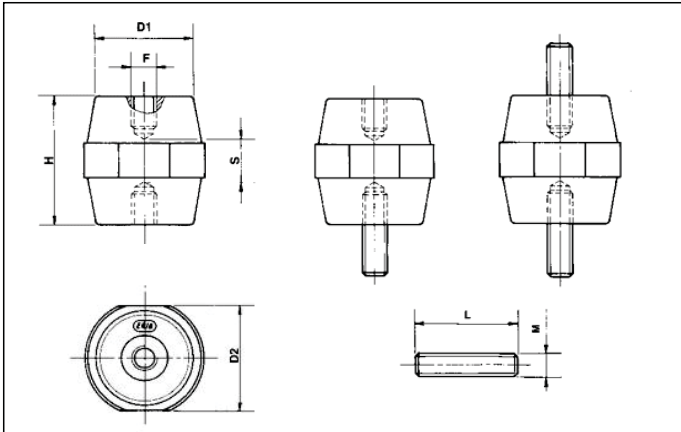


ISOLATORI DISTANZIATORI

Spacing Insulators

DB



Isolatori distanziatori tipo DB/P

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 uno o due attacchi maschio "AM" montati e bloccati.

Spacing insulators type DB/P

Made only in polyester material reinforced with fiberglass BMC RF 3/20 certified UL and classified HL2 according to EN45545-2.

On request we can supply the spacing insulators with one or two male connections type "AM" set and locked.

AM					
Attacchi maschi (perni tutto filetto)					
Male connection (all thread screw)					
M	L	M	L	M	L
4 x 16		6 x 25		10 x 30	
4 x 20		6 x 33		10 x 40	
5 x 20		8 x 33		10 x 50	
5 x 30		8 x 38		12 x 30	
6 x 20		8 x 50		12 x 50	



ISOLATORI DISTANZIATORI

Spacing Insulators

DB

Caratteristiche Dimensionali

Size Characteristics

Articolo <i>Article</i>	F	H mm	D1 mm	D2 mm	S mm	Tensione di esercizio <i>Operating voltage</i>	Conf. <i>Pack.</i>
DB 12/P	M 3 M 4	12	10	11	3	220 V	1.400
DB 16/P	M 3 M 4	16	13	14	6	380 V	700
DB 20/P	M 4 M 6	20	15	17	8	500 V	400
DB 25/P	M 5 M 6	25,2	15	19	9	600 V	250
DB 30/P	M 6 M 8	30	26	30	10	600 V	80
DB 34/P	M 6 M 8 M 10	35	28	32	10	1000 V	64
DB 35/P	M 6 M 8 M 10	35,5	35	41	10	1000 V	36
DB 40/P	M 6 M 8 M 10 M 12	40	40	46	10	1000 V	24
DB 45/P	M 6 M 8 M 10 M 12	45	35	41	15	1500 V	27
DB 50/P	M 6 M 8 M 10	51	29	36	20	2000 V	36
DB 60/P	M 8 M 10 M 12	60	46	55	20	2000 V	12
DB 65/P	M 6 M 8 M 10 M 12	63,5	35	41	20	3000 V	22
DB 70/P	M 10 M 12 M 16	70	52	65	25	4000 V	8
DB 75/P	M 8 M 10 M 12	76	36	50	25	5000 V	12
DB 750/P	M 10 M 12 M 16	75	52	65	25	5000 V	8
DB 100/P	M 12 M 16	101	52	65	25	8000 V	4

ISOLATORI DISTANZIATORI

Spacing Insulators

DB

<ul style="list-style-type: none"> • Sollecitazione a torsione • <i>Twisting stress</i> 	DN x mm
<ul style="list-style-type: none"> • Sollecitazione a compressione • <i>Compressive stress</i> 	DN
<ul style="list-style-type: none"> • Sollecitazione a flessione • <i>Cantilever stress</i> 	DN
<ul style="list-style-type: none"> • Sollecitazione a trazione • <i>Tensile stress</i> 	DN
<ul style="list-style-type: none"> • Tensione di scarica interna C.A. • <i>A.C. internal flashover voltage</i> 	KV
<ul style="list-style-type: none"> • Tensione di scarica superficiale C.A. • <i>A.C. surface flashover voltage</i> 	KV

1DN ≈ 1Kg

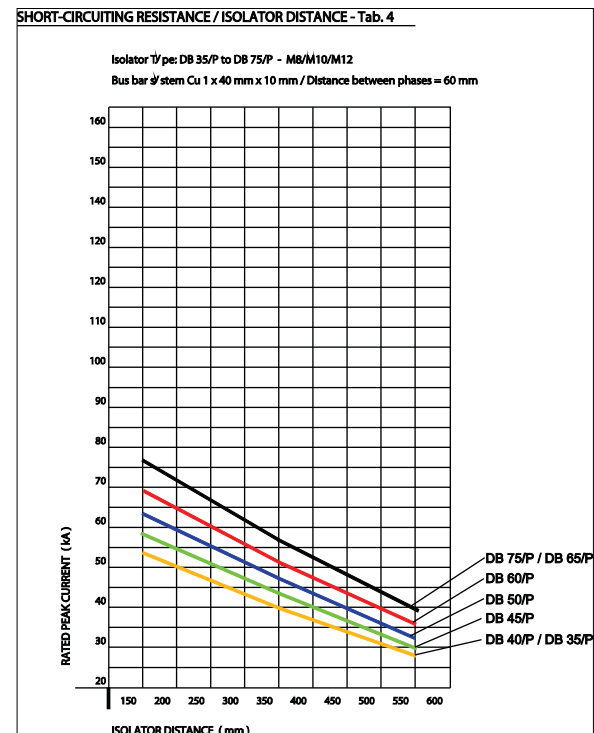
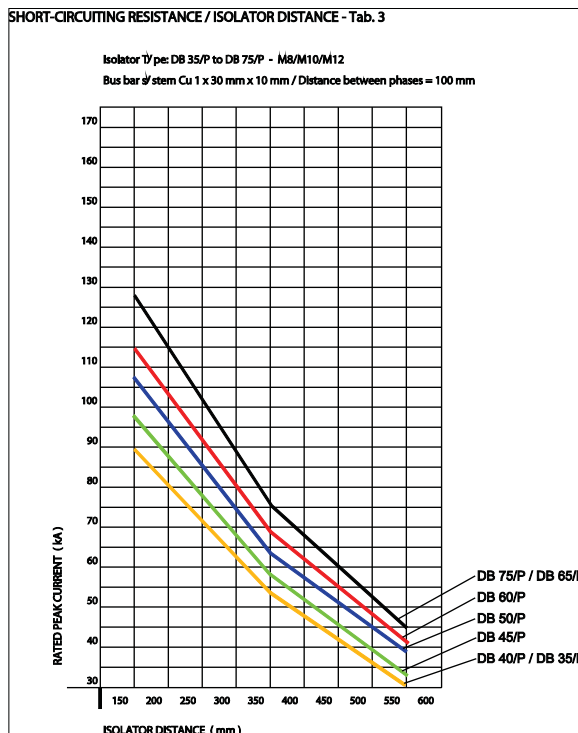
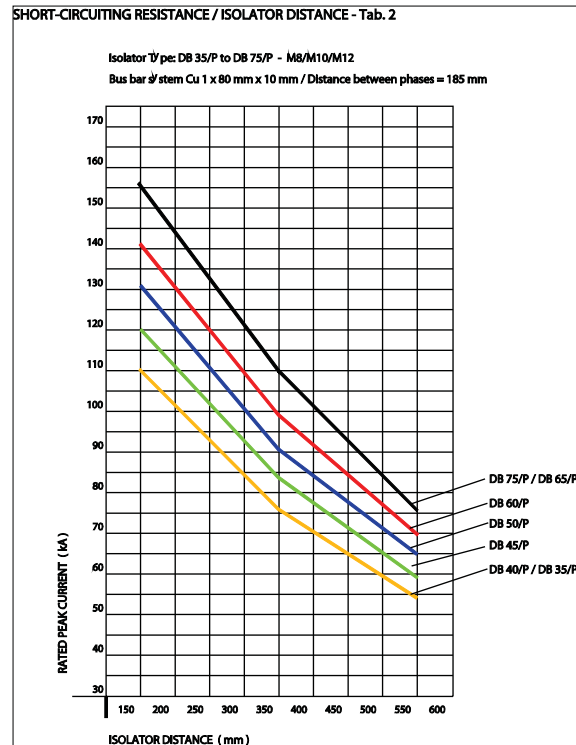
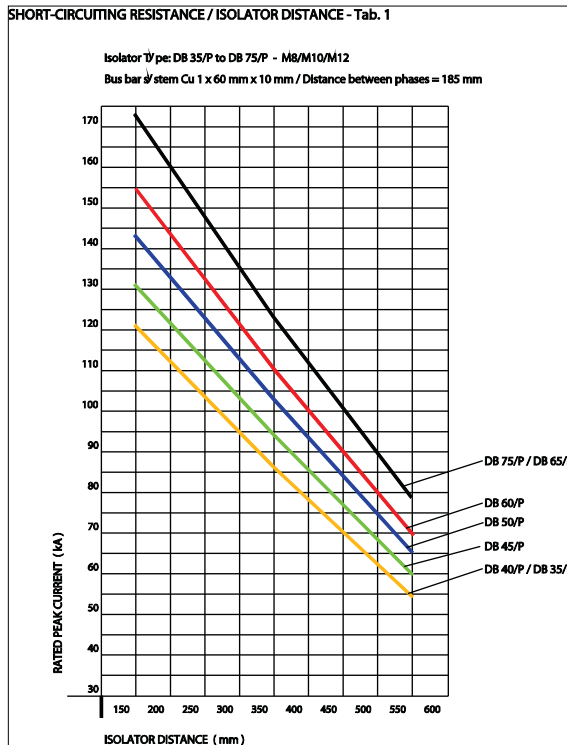
Temperatura di esercizio <i>Operating temperature</i>	°C: - 40° + 130°
Reazione al fuoco <i>Fire reaction</i>	Classe: UL94-VO Classe: HI2 EN 45545-2
Carichi di rottura <i>Breaking charges</i>	(tolleranza ± 10%) (<i>allowance ± 10%</i>)

DB 12/P	-	-	-	-	-	-
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

ISOLATORI DISTANZIATORI

Spacing Insulators

Short-circuiting resistance of the isolators Type DB/P



TEST REPORT

NO. 1469.2101265.0692

MBS AG
Eisbachstraße 51
74429 Sulzbach-Laufen
GERMANY

CLIENT

Busbar systems: ERIM SRL, Novate Milanese
Distance insulators MBS AG

MANUFACTURER

Busbar systems for low-voltage switchgear assemblies
with distance insulators

TEST OBJECT

DB/P 50 with M10 & M12 threads

TYPE:

Test sample

SERIAL NO.

			RATED CHARACTERISTICS GIVEN BY THE CLIENT
Rated operational voltage	U_e	400 V	
Rated insulation voltage	U_i	1000 V	
Rated peak withstand current:			
30 mm x 10 mm up to	I_{pk}	63 kA	
40 mm x 10 mm up to	I_{pk}	106 kA	
60 mm x 10 mm up to	I_{pk}	132 kA	
80 mm x 10 mm up to	I_{pk}	144 kA	
Rated frequency	f	50 Hz	

IEC 61439-2: 2009-01, EN 61439-2: 2009-11

NORMATIVE DOCUMENT

Verification of dynamic short-circuit withstand strength

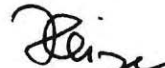
RANGE OF TESTS PERFORMED

12 to 14 October 2010

DATE OF TEST

See Sub-clause 4.6

TEST RESULT

RONALD BORCHERT
Senior engineer

MICHAEL HEISE
Test engineer in charge

Berlin, 25 November 2010

