

PORTASBARRE VERTICALI

Vertical Rodholders

PSB



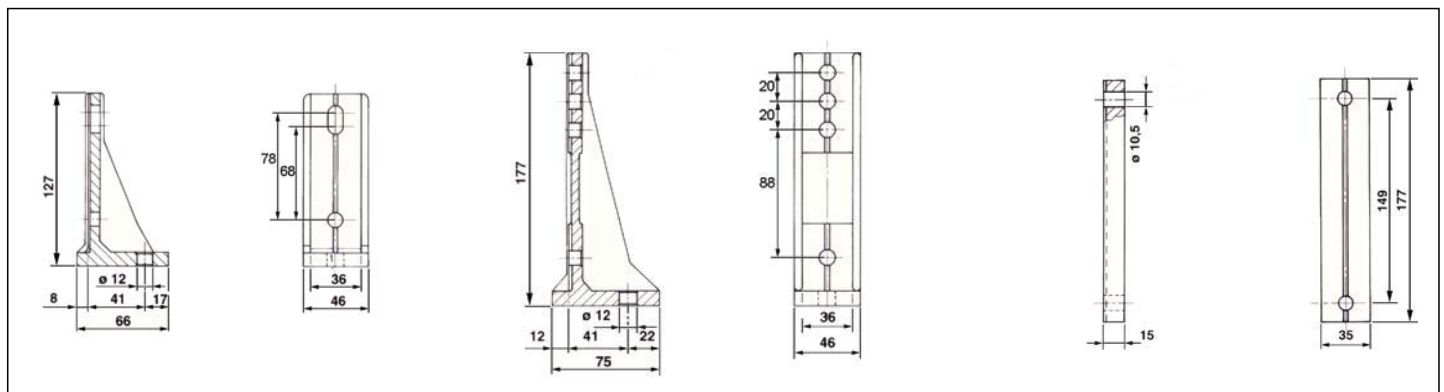
PSB/2



PSB/1



PSB/120



Portasbarre verticale tipo PSB

Portasbarre verticale componibile realizzato solo in massa poliestere rinforzata con fibra di vetro BMC RF 3/20 certificata UL e classificata HL2 secondo la EN 45545-2 adatto per sbarre da mm. 40 x 6 minimo a mm. 120 x 10 massimo.

Vertical rodholders type PSB

Assembleable vertical rodholders in polyester material reinforced with fiberglass BMC RF 3/20 certified UL and classified HL2 according to EN45545-2 suitable for bars from min. mm. 40 x 6 to max mm 120 x 10.

Spalla <i>Lateral Support</i>	Blocchetti <i>Blocks</i>	Sbarre <i>Rods</i>			Conf. <i>Pack</i>
PSB/2	PSB 6 PSB 8 PSB 10	40 x 6 40 x 8 40 x 10	50 x 6 50 x 8 50 x 10		144
PSB/1	PSB 6 PSB 8 PSB 10	60 x 6 60 x 8 60 x 10	80 x 6 80 x 8 80 x 10	100 x 6 100 x 8 100 x 10	96
PSB/120	PSB 6 PSB 8 PSB 10	120 x 6 120 x 8 120 x 10			

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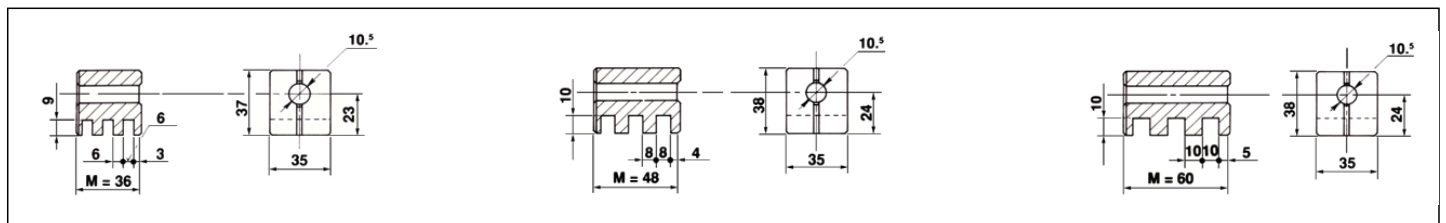
PSB 6



PSB 8



PSB 10



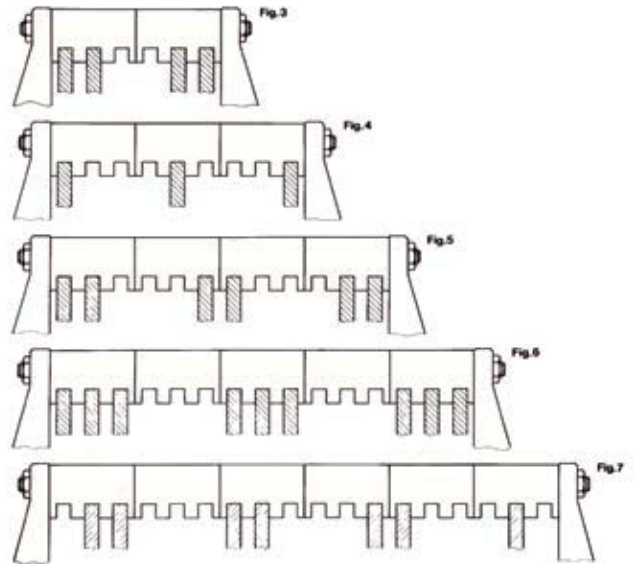
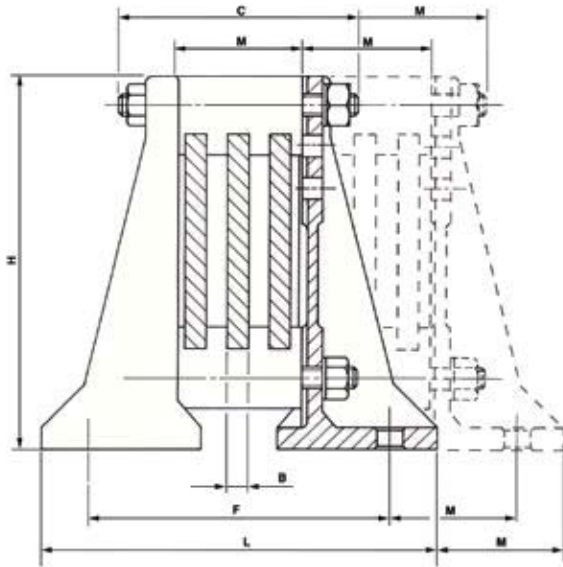
Tensione di esercizio <i>Operating voltage</i>	1000 V
Temperatura di esercizio <i>Operating temperature</i>	°C: - 40° + 130°
Reazione al fuoco <i>Fire reaction</i>	Classe: UL94-VO Classe: HI2 EN 45545-2
Carichi di rottura <i>Breaking charges</i>	(tolleranza ± 10%) (allowance ± 10%)

Flessione del dente con inizio rottura <i>Elastic deflection of the tooth with beginning of rupture</i>	
Articolo <i>Article</i>	Flessione Kg
PSB/6	950
PSB/8	1130
PSB/10	1375

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Legenda

A = Numero blocchetti <i>Number of the blocks</i>	C = Lunghezza tiranti <i>Length of the bolts</i>	F = Interasse fori <i>Distance between centers of the holes</i>	M = Modulo <i>Module</i>
B = Spessore barra <i>Thickness of the rod</i>	L = Ingombro esterno <i>Exterior encumbrance</i>	H = Altezza <i>Height</i>	

PSB/1							
Fig.	A	B	C	L	F	H	M
1	1	6	70	162	118	177	36
1	1	8	90	174	130	177	48
1	1	10	100	186	142	177	60
3	2	6	110	198	154	177	36
3	2	8	140	222	178	177	48
3	2	10	160	246	202	177	60
4	3	6	150	234	190	177	36
4	3	8	194	270	226	177	48
4	3	10	230	306	262	177	60
5	4	6	194	270	226	177	36
5	4	8	242	318	274	177	48
5	4	10	290	366	322	177	60
6	5	6	230	306	262	177	36
6	5	8	290	366	322	177	48
6	5	10	350	426	382	177	60
7	6	6	270	342	298	177	36
7	6	8	338	414	370	177	48
7	6	10	410	486	442	177	60

PSB/2							
Fig.	A	B	C	L	F	H	M
1	1	6	70	152	118	127	36
1	1	8	90	164	130	127	48
1	1	10	100	176	142	127	60
3	2	6	110	188	154	127	36
3	2	8	140	212	178	127	48
3	2	10	160	236	202	127	60
4	3	6	150	224	190	127	36
4	3	8	194	260	226	127	48
4	3	10	230	296	262	127	60
5	4	6	194	260	226	127	36
5	4	8	242	308	274	127	48
5	4	10	290	356	322	127	60
6	5	6	230	296	262	127	36
6	5	8	290	356	322	127	48
6	5	10	350	416	382	127	60
7	6	6	270	332	298	127	36
7	6	8	338	404	370	127	48
7	6	10	410	476	442	127	60

TEST REPORT

NO. 1469.2111429.0957

MBS AG Eisbachstraße 51 74429 Sulzbach-Laufen GERMANY				CLIENT
MBS AG				MANUFACTURER
Busbar systems for low-voltage switchgear and controlgear assemblies with vertical busbar supports of the type PSB, L & Z				TEST OBJECT
PSB/1, PSB/2, PSB/10, PSB/120, spacer PSB, busbar support L 100, Z 185-2				TYPE
90175, 90176, 90177, 90180, 2.8246, 90391, 90385				SERIAL NO.
Rated operational voltage	U_e	400 V	RATED CHARACTERISTICS GIVEN BY THE CLIENT	
Rated insulation voltage	U_i	1000 V		
Rated peak withstand current:	I_{pk}	up to 264 kA		
Rated short-time withstand current	I_{cw}	up to 120 kA, 1s		
Rated frequency	f	50 Hz		
IEC 61439-2: 2011-08, EN 61439-2: 2012-06				NORMATIVE DOCUMENT
Verification of short-circuit withstand strength				RANGE OF TESTS PERFORMED
16 and 17 August 2012				DATE OF TEST
See Sub-clause 4.6				TEST RESULT



RONALD BORCHERT
Senior engineer

Berlin, 07 December 2012



MICHAEL HEISE
Test engineer in charge

