

TEST REPORT

NO. 1469.2101265.0692

MBS AG Eisbachstraße 51 74429 Sulzbach-Laufen GERMANY				CLIENT
Busbar systems: Distance insulators	ERIM SRL, Novate Milanese 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 operational voltage	U_e	400 V	RATED CHARACTERISTICS GIVEN BY THE CLIENT	
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
Berlin, 25 November 2010



MICHAEL HEISE
Test engineer in charge