

# 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

Berlin, 25 November 2010



MICHAEL HEISE  
Test engineer in charge

