

# 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

