

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

