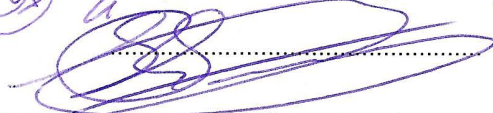




TEST REPORT IEC 60439-1 and/or EN 60439-1 Low-voltage switchgear and controlgear assemblies Part 1: Type-tested and partially type-tested assemblies	
Report reference No.	2018166.50
Tested by (printed name and signature)	M.T.H. van Gemen 
Approved by (printed name and signature)	H.L. Schendstok 
Date of issue	31.05.2005
This report is based on a blank test report that was prepared by SGS Fimko Ltd using information obtained from the TRF originator (see below).	
Testing Laboratory Name	KEMA Quality B.V.
Address	Utrechtseweg 310, 6812 AR Arnhem, The Netherlands
Testing location	As above and Prof. Ir. Damstra Laboratorium, Hengelo witnessed by KEMA
Applicant's Name	WEBER AG
Address	Sedelstrasse 2
.....	CH-6021 Emmenbrücke
Test specification	
Standard	IEC/EN 60439-1:1999 +A1:2004
Test procedure	CB / CCA
Non-standard test method	N/A
Test Report Form No.	IECEN60439_1A / 2001-05
TRF originator	SGS Fimko Ltd
Master TRF	Dated 2001-04
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Test item description	
Trademark	WEBER
Model and/or type reference	UNIMES-E, UNIMES-H
Rating(s)	a.c., f 45/62 Hz.
	U_e 400 - 690 V, I_n 3200 A, I_{cw} 118 kA 1.0 s, I_{cc} 85 kA

Test items particulars:	
External design	Enclosed assembly: multi-cubicle type assembly
Place of installation	Indoor
Service conditions	Normal conditions
Mobility	Stationary
IP Code	IP 41 / IP 55
Protection against electric shock ...:	Protective earthing
Test case verdicts	
Test case does not apply to the test object ...:	N/A
Test item does meet the requirement	P(ass)
Test item does not meet the requirement	F(ail)
Testing	
Date of receipt of test item	03.02.2003
Date(s) of performance of test	03.02.2003-27.06.2003
<p>General remarks</p> <p>This test report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IEC 60384-1-2.</p> <p>This report shall not be reproduced except in full without the written approval of the testing laboratory.</p> <p>The test results presented in this report relate only to the item(s) tested.</p> <p>"(see remark #)" refers to a remark appended to the report.</p> <p>"(see Annex #)" refers to an annex appended to the report.</p> <p>Throughout this report a comma is used as the decimal separator.</p> <p>Panels with ACB: IP class of the door limited by the ACB to IP 2X.</p> <p>Panels with system covers behind the door have an IP class IP 31 with open doors.</p> <p>For circuits above a rated current of 800 A with a frequency 50 Hz < 65 Hz, the rating is 95 % of the rated current at 50 Hz.</p> <p>The SCPD from Terasaki are not fully type tested.</p>	

Copy of marking plate or photograph



			
Order number			
System			
Year			
IEC / EN 60439-1 + A1 2004			
Ue	V	Frequency	Hz
Main busbar system			
Rated current			A
Icw			kA
Ipk			kA

Summary of test results:

The low voltage switchgear and controlgear type:

UNIMES-E

UNIMES-H

with the fields

Incoming / outgoing unit with air circuit-breaker manufacturer TERASAKI 3200A

Incoming / outgoing unit with air circuit breaker manufacturer TERASAKI 2000 A

Outgoing panel VERTIGROUP 185

Outgoing panel MULTILINE

Outgoing panel VERTIGROUP 00

Outgoing panel LAI with MCCB manufacturer TERASAKI

Main busbars system with FST1 / UST5

Have passed the test according to IEC/EN 60439-1:1999 + A1:2004 successfully