

VDE Prüf- und Zertifizierungsinstitut GmbH • Merianstr. 28 • 63069 Offenbach

Siemens AG  
Low Voltage  
Siemensstraße 10  
93055 Regensburg

Offenbach, 2022-07-12

Ihr Zeichen

Ihr Schreiben  
2021-04-28

Unser Zeichen - bitte angeben  
40017-1494-0010/280076  
TL3/mki

Ansprechpartner  
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## Conformation of test results

Dear sir or madam,

We are glad to inform you that the tests for the low voltage switchgear assembly system SIBOARD 630 NF and SIBOARD 800 NF are finished with positive results.

The VDE marks approval 40055338 and CB-certificate CB-DE1-66509 have already been issued.

Please refer to page 2 for details which tests were performed for the design verification according to IEC 61439-2:2011 and DIN EN 61439-2:2012-06 for SIBOARD 630 NF and to page 3 for SIBOARD 800 NF.

This conformation consists of three pages.

With kind regards

VDE Testing and Certification Institute  
Department TL3 - Connect-Switch-Protect  
Business Section TL34 - Protective Devices, Switchgear and -assemblies  
Test Laboratory Berlin



Clemens Wegener



Marcel Kirchner

**SIBOARD 630 NF**

AZ: 40017-1494-0010 / 280076

Certificate No. 40055338

Performed tests according to: IEC 61439-2 / EN 61439-2 / DIN EN 61439-2

No.	Clause	Test	Verdict
1	10.2.2.2	Resistance to corrosion Severity test A	P
2	10.2.3.2	Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects	P
3	10.2.5	Lifting	N/A
4	10.2.6	Mechanical impact	P
5	10.2.7	Marking	P
6	10.2.8	Mechanical operation	P
7	10.3	Degree of protection of ASSEMBLIES	P
8	10.4	Clearances and creepage distances	P
9	10.5.2	Effective earth continuity between the exposed conductive parts of the ASSEMBLY and the protective circuit	P
10	10.5.3	Short-circuit withstand strength of the protective circuit	P
11	10.6	Incorporation of switching devices and components	P
12	10.6.2	Electromagnetic compatibility	P
13	10.7	Internal electrical circuits and connections	P
14	10.8	Terminals for external conductors	P
15	10.9.2	Powerfrequency withstand voltage	P
16	10.9.3	Impulse withstand voltage	P
17	10.10	Temperature -rise	P
18	10.11	Short-circuit withstand strength	P
19	10.12	Electromagnetic compatibility (EMC)	N/A

For details see test report 280076-TL3-3

**SIBOARD 800 NF**

AZ: 40017-1494-0010 / 280076

Certificate No. 40055338

Performed tests according to: IEC 61439-2 / EN 61439-2 /DIN EN 61439-2

No.	Clause	Test	Verdict
1	10.2.2.2	Resistance ro corrosion Severity test A	P
2	10.2.3.2	Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects	P
3	10.2.5	Lifting	P
4	10.2.6	Mechanical impact	P
5	10.2.7	Marking	P
6	10.2.8	Mechanical operation	P
7	10.3	Degree of protection of ASSEMBLIES	P
8	10.4	Clearances and creepage distances	P
9	10.5.2	Effective earth continuity between the exposed conductibe parts of the ASSEMBLY and the protective circuit	P
10	10.5.3	Short-circuit withstand strength of the protective circuit	P
11	10.6	Incorporation of switching devices and components	P
12	10.6.2	Electromagnetic compatibility	P
13	10.7	Internal electrical circuits and connections	P
14	10.8	Terminals for external conductors	P
15	10.9.2	Powerfrequency withstand voltage	P
16	10.9.3	Impulse withstand voltage	P
17	10.10	Temperature -rise	P
18	10.11	Short-circuit withstand strength	P
19	10.12	Electromagnetic compatibility (EMC)	N/A

For details see test report 280076-TL3-3