

Prüf-Nr./Q-Nr.: **2592a**
Certificate No.:

Dienststelle: **I BT LV GC R&D TC Weiss**
Department:

Ort: **Amberg** Tag: **2010-03-11**
Place: Date:

Anlagen: **Test Summary**
Enclosures:

Prüfbescheinigung / Test - Certificate

Erzeugnis / Product:

Switch disconnector

Typ: **3KA52**
Type:

Tech. Daten: **U_i=690 V**
Specification: **U_{emax}=690VAC/440VDC**
I_{emax}=125 A

Hersteller: **Siemens AG**
Manufacturer: **I BT LV**

Art der Prüfung / Type of test: **Type Test**

Prüfer / Tested by: **Mr. Lambert**

Labor / Laboratory: **I BT LV GC R&D MA L**

Angewandte Prüfbestimmungen / Test specifications applied:

IEC 60947-3: (08/2008) / IEC 60947-1 (06/2007)
DIN EN 60947-3: (02/2010) / DIN EN 60947-1: (04/2008)

Durchgeführte Prüfungen / Tests conducted:

Test Sequences IEC 60947-3 I, II, III, IV / IEC 60947-1 (8.2.1.1.1)

Prüfergebnis / Test results:

All requirements of the test specification are met.

Bemerkungen / Remarks: **Issued: 2004-04-06**

This test certificate is valid for all variations of type 3KA52

Index a: Standards updated, plastic material requirements are met

Unterschrift / Signature

Gegengezeichnet / Released by:


I BT LV GC R&D MA Wilhelm


I BT LV QM Lösche

SIEMENS AG

Siemens Aktiengesellschaft: Chairman of the Supervisory Board: Gerhard Cromme
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Registered offices: Berlin and Munich; Commercial registries: Berlin Charlottenburg, HRB 12300, Munich, HRB 6684
WEEE-Reg.-No. DE 23691322

Industry Sector

Test summary

Certificate no.: 2592a

Manufacturer: **Siemens AG I BT LV**
Werner-von-Siemens-Str. 29, 93413 Cham

Test device: **Switch disconnecter**

Type: **3KA52**

Test specification: **IEC 60947-3 (08-2008) / IEC 60947-1 (06/2007)**

Test report No.: **2592 / 2592-01**

Test-sequence and sub-clause	Test	Device
IEC 60947-3		
Test-sequence I		
8.3.3.1	Temperature-rise	see test report: 2592
8.3.3.2	Dielectric properties	
8.3.3.3	Making and breaking capacities	
8.3.3.4	Dielectric verification	
8.3.3.5	Leakage current	
8.3.3.6	Temperature-rise verification	
8.3.3.7	Strength of actuator mechanism	
Test-sequence II		
8.3.4.1	Operational performance	see test report: 2592
8.3.4.2	Dielectric verification	
8.3.4.3	Leakage current	
8.3.4.4	Temperature-rise verification	
Test-sequence III		
8.3.5.1	Short-time withstand current test	see test report: 2592
8.3.5.2	Short-circuit making capacity test	
8.3.5.3	Dielectric verification	
8.3.5.4	Leakage current	
8.3.5.5	Temperature-rise verification	
Test-sequence IV		
8.3.6	Conditional short-circuit current	see test report: 2592
8.3.6.2.1a)	Fuse protected short-circuit withstand	
8.3.6.2.1b)	Fuse protected short-circuit making	
8.3.6.3	Dielectric verification	
8.3.6.4	Leakage current	
8.3.6.5	Temperature-rise verification	
IEC 60947-1		
8.2.1.1.1	Glow Wire test	see test report: 2592-01

The tests were carried out on devices, representative for the whole series.

The tests were carried out in the

Testlab Siemens AG I BT LV GC R&D MA L Amberg
Werner-von-Siemens-Str. 48, 92220 Amberg

Amberg 2010-03-15

Location, Date

M. Soukup

Signature
Authorized representative
Soukup

Schreckinger

Reviewed
Laboratory manager
Schreckinger