

Prüf-Nr./Q-Nr.: **1648a**
Certificate No.:

Dienststelle: **I IA CE CP R&D-VI 4 / Pester**
Department:

Ort: **Amberg** Tag: **18.02.2013**
Place: Date:

Anlagen: **Test Summary 1648a**
Enclosures:

Prüfbescheinigung / Test – Certificate

Erzeugnis / Product: **AC Contactors**

Typ: **3TF51**
Type:

Tech. Daten: **$U_e = 690 \text{ V ac}$, $I_e \text{ AC-1} = 160 \text{ A}$**
Specification:

Hersteller: **Siemens AG**
Manufacturer: **I IA CE**

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

Prüfer / **R&D-VI 2**
Tested by:

Labor / **LOVAG registered and DAkkS accredited**
Laboratory: **Testing Laboratory**
Siemens AG, Amberg

Angewandte Prüfbestimmungen / Test specifications applied:
IEC 60947-4-1: 2009-09

Durchgeführte Prüfungen / Tests conducted:
Refer to Test Summary

Prüfergebnis / Test results:
All requirements of the test specification are met.

Bemerkungen / Remarks: **Issued: 25.11.1992**
This type test certificate is valid for all contactors 3TF51..-0A/0D. The type test of the auxiliary switches type 3TY7 is documented in test certificate no. 1431.
Revision a, dated 18.02.2013: Test summary 1648a replaces test report 1648.

Unterschrift / Signature

Gegengezeichnet / Released by:

I IA CE CP R&D-VI Mr. Schweiger

I IA CE CP R&D-EN Mr. Knauer

SIEMENS AG

Industry Sector

S. Russwurm (Head)

Nomenclature breakdown

Certificate No.: 1648a

Series: 3TF51

3TF51 44 - 0A B0 1 -....
I II III IV V VI

- I Basic type designation 3TF51, motor contactor AC-3: 15 kW

- II Auxiliary contacts
 - 02, 22 – 2 NO + 2 NC contacts
 - 11 – 1 NO + 1 NC contacts
 - 33 – 3 NO + 3 NC contacts
 - 44 – 4 NO + 4 NC contacts

- III Operating system:
 - 0A, 0X - AC operated
 - 0D, 1X - DC operated
 - 0H - AC operated with internal varistor
 - 4M - AC operated, auxiliary contacts and coil terminals provided with 2.8 mm double quick-connect terminals
 - 5M - DC operated, auxiliary contacts and coil terminals provided with 2.8 mm double quick-connect terminals

- IV Rated operating voltage:
 - 24 Vac through 1000 Vac
 - 12 Vdc through 250 Vdc

- V Manufacturers identification code (Optional)
 - 0 - Non NEMA contactor
 - 50 - AC operated 266-380 V 50 Hz

- VI Suffix letters and/or numbers for specification of commercial variations (Optional)

Remarks:

Certificate No.: 1648a

Note 2012-04-11:

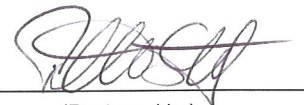
According to IEC 60947-4-1 (09-2009) the requirements of the standard are also covered by existing tests for the series 3TF51..

Auberg, 2012-04-11

Location, Date



(Tested by)
(Authorized representative)
Mr. Stadlbauer



(Reviewed by)
(Assistant laboratory manager)
Mr. Prechtl-Schöpf