

Certificate of Compliance

Certificate Number 20111216-E31519
Report Reference E31519-19791109
Issue Date 2011 December 16

Page 1 of 4



Issued to: SIEMENS AG
I IA CE CP R&D-VI 4
WERNER-VON-SIEMENS-STRASSE 48
92220 AMBERG GERMANY

This is to certify that representative samples of

MOTOR CONTROLLERS, MAGNETIC


Type No. 3TF42 or 3TF43 followed by 10, 11, 20, 22 or 23 followed by -0A, -0B, -1M, -2M, -3M, -4M, -5M, -6M, -4B, -6B, -6E, -7E, -6F, -7F or -OL, followed by a letter and a number, may be followed by 1. (See following page for additional model information.)

Have been investigated by Underwriters Laboratories in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/UL 508, "Industrial Control Equipment" and CSA-C22.2 No. 14, "Industrial Control Equipment."

Additional Information: See UL On-line Certification Directory at WWW.UL.COM for additional information.

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product

William R. Carney
Director, North American Certification Programs

Underwriters Laboratories Inc.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

For questions, please contact a local UL Customer Service Representative at <http://www.ul.com/global/eng/pages/corporate/contactus>

Certificate of Compliance

Certificate Number **20111216-E31519**
Report Reference **E31519-19791109**
Issue Date **2011 December 16**

Page 2 of 4



This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

GENERAL:

These devices are open type across-the-line motor controllers for use in industrial applications.

RATINGS:

| Voltage | Horsepower | | | |
|---------|------------|------|-------|-------|
| | 3TF42 | | 3TF43 | |
| | 1 ph | 3 ph | 1 ph | 3 ph |
| 115 | 1 | - | 2 | - |
| 200 | 2 | 5 | 3 | 7-1/2 |
| 230 | 3 | 5 | 3 | 7-1/2 |
| 460 | - | 10 | - | 15 |
| 575 | - | 15 | - | 20 |

Main Contact

Supplementary Current Ratings: Type 3TF42: 30 A, 600 V.

Supplementary Current Ratings: Type 3TF43: 30 A, 600 V.

Main: Heavy pilot duty 600 V ac max; 600 A.

Auxiliary Contacts: A600, P600.

B600, Q600; above 300 V wiring same polarity for Suffixes -1M through -6M.

Operating coil - 24 through 600 V ac or 12 through 250 V dc.

William R. Carney
Director, North American Certification Programs

Underwriters Laboratories Inc.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

For questions, please contact a local UL Customer Service Representative at <http://www.ul.com/global/eng/pages/corporate/contactus>

Certificate of Compliance

Certificate Number **20111216-E31519**
Report Reference **E31519-19791109**
Issue Date **2011 December 16**

Page 3 of 4



NOMENCLATURE BREAKDOWN:

3TF 42 10 - OA MO 1
I II III IV V VI

I - Basic model number - 3TF

II - NEMA size

42 -

43 -

III - Auxiliary contact arrangement

10 - 1 normally open

11 - 1 normally open, 1 normally closed

20 - 2 normally open

22, 23 - 2 normally open, 2 normally closed

IV - OA - Indicates Listing, ac coil assembly

-OB - Indicates Listing, dc coil assembly

-4B - Indicates Listing with varistor connected to the 24 V dc assembly - rated power 4.9 W.

-6B - Indicates Listing with varistor connected to the 24 V dc assembly - rated power = 5.5 W.

-6E or 7E - Same as OA for reverser combination only.

-6F or 7F - Same as OB for reverser combination only.

-6M - Indicates ac control voltage with integrated bridge rectifier and dc coil. 2.8 mm quick-disconnect control terminals.

-4M - Indicates ac coil assembly and 2.8 mm quick-disconnect control terminals.

-5M - Indicates dc coil assembly and 2.8 mm quick-disconnect control terminals.

-1M - Provided with a varistor connected to the 24 V dc coil assembly - rated power = 5.5 W - and 2.8 mm quick-disconnect control terminals.

-2M - Provided with a varistor connected to the 24 V dc coil assembly - rated power = 4.9 W - and 2.8 mm quick-disconnect control terminals.

William R. Carney

Director, North American Certification Programs

Underwriters Laboratories Inc.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

For questions, please contact a local UL Customer Service Representative at <http://www.ul.com/global/eng/pages/corporate/contactus>

Certificate of Compliance

Certificate Number **20111216-E31519**
Report Reference **E31519-19791109**
Issue Date **2011 December 16**

Page 4 of 4



- V - indicates rated coil voltage
- VI - 1 NEMA size 0
omitted non NEMA size
- 3M - Provided with a universal overvoltage limiter integrated to the ac coil assembly 275 V max and 2.8 mm quick-disconnect control terminals.
- 3K - Indicates dc coil assembly with integrated overvoltage limiter (consists of two diodes: Type GP02-40, manufactured by GE and Type BZW06P10, manufactured by SGS-Thomson).
- 4K - Indicates dc coil assembly with integrated overvoltage limiter (consists of two diodes, both Type 1.5 KE36CP, manufactured by SGS-Thomson).
- 0H - Indicates ac coil assembly with integrated, Recognized Component Varistor, Type S10V S07, manufactured by Siemens.
- OL - Indicates dc coil assembly with integrated varistor, manufacturer's Identification Code.

William R. Carney
Director, North American Certification Programs

Underwriters Laboratories Inc.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

For questions, please contact a local UL Customer Service Representative at <http://www.ul.com/global/eng/pages/corporate/contactus>