

CERTIFICATE OF COMPLIANCE

Certificate Number 20170123- E31519
Report Reference E31519-20040722
Issue Date 2017-JANUARY-23

Issued to: SIEMENS AG
I I A 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
(See following pages for additional model information.)

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

Standard(s) for Safety: ANSI/UL 60947-1, "Low-Voltage Switchgear and Controlgear - Part 1: General Rules."
ANSI/UL 60947-4-1, "Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters."
CSA C22.2 No. 60947-1-13 "Low-Voltage Switchgear and Controlgear - Part 1: General Rules."
CSA C22.2 No. 60947-4-1-14 "Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters."

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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

Product Covered:

USL, CNL - Magnetic Motor controllers, Type No. 3RA followed by 11 or 12 followed by 1, 2, 3 or 4 followed by 0, 1, 2, 3, 4, 5 or 9, followed by a number and a letter, followed by A, B, C, D or E, followed by 15, 16, 17, 23, 24, 25, 26, 34, 35, 36, 44, 45, 46 followed by a combination of four letters and numbers, may be followed by additional letters and/or numbers.

USL, CNL - Link modules, Type Nos. 3RA1911-1A, 3RA1921-1A, 3RA1921-1B, 3RA1921-1D, 3RA1931-1A, 3RA1931-1B, 3RA1941-1A and 3RA1941-1B, may be followed by additional letters and/or numbers.

USL, CNL - Mounting Adapter for standard din rail, Type Nos. 3RA1922-1A, 3RA1932-1A, 3RA1942-1A and 3RA1902-1B, may be followed by additional letters and/or numbers.

USL, CNL - Assembly Sets, Type Nos. 3RA1913, 3RA1923, 3RA1933, 3RA1943, followed by 1B, 1C or 1D, may be followed by additional letters and/or numbers.

General:

These devices are magnetic motor controllers, reversing and non-reversing, for use in industrial applications. They consist of Listed manual motor Controllers connected to Listed magnetic motor controllers (contactors).

Ratings:

Main contacts:

The ratings for the magnetic motor controllers Type 3RA1 are the same as for the contactors 3RT10. For details refer to File E31519 Vol.8, Sec. 1 and 2; Vol. 11 Sec. 1 and 2.

Auxiliary Contacts 3RT1: Auxiliary contact blocks type 3RH19 are top or side mounted. For ratings refer to File E44653.

For integrated auxiliary contacts in 3RT101 refer to File E31519.

Auxiliary Contacts 3RV1: Auxiliary contact blocks type 3RV19. For ratings refer to File E44653.


Short-circuit ratings: These devices have the following short-circuit ratings (RMA symmetrical amperes):

Size S00: 10 kA, 600 Vac; 65 kA, 480 Vac

Size S0: 25 kA, 600 Vac; 65 kA, 480 Vac

Size S2: 30 kA, 600 Vac; 65 kA, 480 Vac

Size S3: 30 kA, 600 Vac; 65 kA, 480 Vac



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NOMENCLATURE BREAKDOWN:

3RA 1 1 1 0 -0A A 15 -1AB0
I II III IV V VI VII VIII IX

- I. Basic Type 3RA - Basic Device
- II. Type of communication
 - 1 - without communication
- III. Type of controller
 - 1 - contactor
 - 2 - reversing contactor
- IV. Size and Type of manual motor controller (3RV10) provided.
 - 1 - Size S00, with 3RV1011
 - 2 - Size S0, with 3RV1021
 - 3 - Size S2, with 3RV1031
 - 4 - Size S3, with 3RV1041

File E31519 Vol. 10 Sec. 3 Page 3 Issued: 2004-07-22 and Report Revised: 2017-01-13

- V. Auxiliary contact arrangements
 - 0 - None provided
 - 1 - 1 normally open and 1 normally closed, side mounted
 - 2 - 2 normally open, side mounted
 - 3 - 2 normally closed, side mounted
 - 4 - 1 changeover contact
 - 5 - 1 normally open and 1 normally closed, top mounted
 - 9 - Costume's determination
- VI. Current setting range of 3RV10
 - 0A - Example for the current setting range of 3RV10
- VII. Type of backplate and terminals
 - A - No backplate, screw terminals
 - B - Din Rail backplate, screw terminals
 - C - Fastbus backplate 40mm System, screw terminals
 - D - Fastbus backplate 60mm System, screw terminals
 - E - No backplate, Cage Clamp terminals



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VIII. Catalog number of controller provided

- 15 - 3RT1015 contactor or 3RA1315 reverser
- 16 - 3RT1016 contactor or 3RA1316 reverser
- 17 - 3RT1017 contactor or 3RA1317 reverser
- 23 - 3RT1023 contactor or 3RA1323 reverser
- 24 - 3RT1024 contactor or 3RA1324 reverser
- 25 - 3RT1025 contactor or 3RA1325 reverser
- 26 - 3RT1026 contactor or 3RA1326 reverser
- 34 - 3RT1034 contactor or 3RA1334 reverser
- 35 - 3RT1035 contactor or 3RA1335 reverser
- 36 - 3RT1036 contactor or 3RA1336 reverser
- 44 - 3RT1044 contactor or 3RA1344 reverser
- 45 - 3RT1045 contactor or 3RA1345 reverser
- 46 - 3RT1046 contactor or 3RA1346 reverser

VI. Indicates coil voltages

Identical to the basic contactor 3RT1

3RA1911-1A, 3RA1921-1A, 3RA1921-1B, 3RA1921-1D, 3RA1931-1A, 3RA1931-1B, 3RA1941-1A, 3RA1941-1B:
Link modules to connect 3RV10/3RV20 to 3RT contactors.

3RA1922-1A, 3RA1932-1A, 3RA1942-1A: Adapters for standard din rail mounting.

File E31519 Vol. 10 Sec. 3 Page 3A Issued: 2004-07-22 and Report New: 2017-01-13

3RA1913 1C

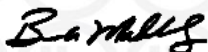
I II

I. Size of Basic Devices

- 3RA1913 - Assembly Kit for contactors 3RT101 and manual motor controller 3RV101
- 3RA1923 - Assembly Kit for contactors 3RT102 and manual motor controller 3RV102
- 3RA1933 - Assembly Kit for contactors 3RT103 and manual motor controller 3RV103
- 3RA1943 - Assembly Kit for contactors 3RT104 and manual motor controller 3RV104

II. Type of backplate

- 1B - Din Rail backplate
- 1C - Fastbus backplate, 40mm System
- 1D - Fastbus backplate, 60mm System



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