

CERTIFICATE OF COMPLIANCE

Certificate Number 20120905 – E156943
Report Reference E156943 - 20090306
Issue Date 2012-SEPTEMBER-05

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**


Combination Motor Controllers
Open Type Self-Protected Type E Combination Motor
Controller, Type Nos. 3RA61, 3RA62, 3RA64 or 3RA65
followed by combination of 0, 2 or 5, followed by 0, followed
by -0, -1 or -2, followed by A, B, C, D or E followed by B3,
E3, P3 or B4, followed by 0, 2, 3 or 4. May be followed by
additional numbers and letters for manufacturers use.
(See following page 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 508, "Industrial Control Equipment" and
CSA-C22.2 No. 14, "Industrial Control Equipment."

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

General:

These devices are open type Self-Protected Type E manual combination motor controllers. They are intended to provide motor disconnection means, motor branch circuit short circuit, motor control, and motor overload protection.

These devices are provided with line terminal adapters, cat. no. 3RV1928-1H, 3RV2928-1H, 3RV1925-5EB or 3RV2925-5EB fastened onto existing line side terminal blocks of combination motor controller. The adapters may be factory or field-installed. (See "Marking" section.) These devices may be used with insulated busbar systems, Cat. No. 3RV1915, with the 3RV1925-5EB or 3RV2925-5EB adapter. In these applications, the incoming line terminal to the busbar systems has spacings not less than 2 in. (50.8 mm) measured over surface, and 1 inch (25.4 mm) through air.

These devices may be used with Busbar systems, Cat. No. 3RA68, with the 3RA6813 Infeed. In these applications, the incoming line terminal to the busbar systems has spacings not less than 2 in. (50.8 mm) measured over surface, and 1 inch (25.4 mm) through air.

The following accessories, listed for this manufacturers manual motor controllers in File E4775, Vol. 10, Sec. 2 may be used in the following applications:

3RA6920-1B, 3RA6920-1C, 3RA6920-2B, 3RA6920-2C, 3RA6920-1D, 3RA6920-2D, 3RA6920-1E, 3RA6920-2E for control circuits

3RA6931-0A, 3RA6932-0A, 3RA6933-0B, 3RA6933-0C - Connecting Cable for 3RA64/3RA65 used for communication purpose only (max. 24V, 1A)

3RA6940-0A - Adapter for flat surface mounting of the Compact Starter.



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Ratings:

Setting Range 0.1-0.4A
Max. FLA: 0.4A
Max. LRA: 2.4A

Setting Range 0.32-1.25A

Voltage	Horsepower 3-ph
115/120V	-
200/208V	-
230/240V	-
460/480V	1/2
575/600V	1/2

Max. FLA: 1.25A
Max. LRA: 10^A

Setting Range 1-4A

Voltage	Horsepower 3-ph
115/120V	-
200/208V	3/4
230/240V	3/4
460/480V	2
575/600V	3

Max. FLA: 4A
Max. LRA: 28.8A



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Setting Range 3-12A

Voltage	Horsepower 3-ph
115/120V	1 1/2
200/208V	3
230/240V	3
460/480V	7 1/2
575/600V	10

Max. FLA: 12A
Max. LRA: 80A

Setting Range 8-32A

Voltage	Horsepower 3-ph
115/120V	5
200V	7 1/2
208V	10
230/240V	10
460/480V	20

Max. FLA: 32A
Max. LRA: 194A

Pilot Duty ratings (3RA61/3RA62 only):

Direct	Reversing	Rating
21-22; 13-14: 1 NC – 1 NO	13-14; 43-44: 2 NO	Q600, A600
77-78: 1 NO	77-78: 1 NO	R300, B300
95-96-98: Change over	95-96-98: Change over	R300, D300



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These devices are suitable for use on circuits capable of delivering the following maximum short circuit currents.

Setting range	Voltage (V)	Short-circuit current (kA)
0.1-0.4	240	30
	480/277	30
	600/347	10
0.32-1.25	240	30
	480/277	30
	600/347	10
1-4	240	30
	480/277	30
	600/347	10
3-12	240	30
	480/277	30
	600/347	10
8-32	240	15
	480/277	15

The trip rating is 125% of the dial setting (thermal range).

Nomenclature Breakdown:

3RA61	2	0	-0	A	B3	0
I	II	III	IV	V	VI	VII

- I. Basic Type:
3RA61 - Compact-Starter, direct, without communication
3RA62 - Compact-Starter, reversing, without communication
3RA64 - Compact-Starter, direct, with communication
3RA65 - Compact-Starter, reversing, with communication
- II. Integrated auxiliary contacts:
0 - no integrated auxiliary contacts (3RA64 and 3RA65 only)
2 - 1 NC and 1 NO integrated auxiliary contacts (3RA61 only)
5 - with 2 NO auxiliary contacts (3RA62 only)
- III. Auxiliary contacts:
0 - without auxiliary contacts



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IV. Type of Terminal:

- 0 - without terminals for use with 3RA68 Infeed System and AS-I communication
- 1 - screw-type terminals
- 2 - spring-loaded terminals for control circuit (types 0 and 3 only; No. VII of the nomenclature breakdown)

V. Setting ranges:

- A - 0.1 to 0.4A
- B - 0.32 to 1.25A
- C - 1 to 4A
- D - 3 to 12A
- E - 8 to 32A

VI. Operating voltage:

- B3 - 24Vac/dc
- E3 - 42 to 70Vac/dc
- P3 - 110 to 240Vac/dc
- B4 - 24 V dc for compact starter with communication

VII. Terminals and Mounting:

- 0 - without main and control circuit terminals for use with 3RA68 Infeed System and AS-i communication
- 2 - with main and control circuit terminals and for mounting on Din Rail
- 3 - without main circuit terminals, with control circuit terminals for use with 3RA68 Infeed System
- 4 - with main circuit terminals, without control circuit terminals for mounting on Din Rail for use with AS-I communication.



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