Individual Certificate of Compliance

Certificate Number

E31519

Report Reference

E31519 - 20091029

Issue date

2009-10-29

Issued to:

Siemens AG

SI EP EMS R&D TC 1, Werner-von-Siemens-Strasse 48, Amberg, 92224, Germany

This certificate confirms that representative samples of:

- **NLDX - Motor Controllers, Magnetic**
- **NLDX7 - Motor Controllers, Magnetic Certified for Canada**

(See following page for additional information)

Have been evaluated by UL LLC in accordance with Standard(s) for Safety:

- **UL 60947-1**
- **UL 60947-4-1**
- **CSA C22.2 No. 60947-1:22**
- **CSA C22.2 No. 60947-4-1:22**

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

This iCoC may only include partial UL Certification information. For full certification information, please reach out to the component manufacturer directly.

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

PRODUCT COVERED :

USL, CNL - Type No. 3RT20, 3RT23, 3RT25 or 3RT26 followed by 15, 16, 17 or 18 followed by -1, -2 or -4 followed by a character, followed by a character and a number followed by 0, 1, 2, 3, 4, 6, 7 or 8 may be followed by suffix letters and/or numbers.

USL, CNL - Type No. LEN00B00 followed by 3 or 4 followed by three numbers followed by B.

GENERAL:

These devices are open types 4 or 8 pole contactors for use in industrial applications.

* These devices are intended to be used in combination with listed overload relays type 3RU2 , 3RB or 3RC7..

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

USL - Products designated USL have been investigated using requirements contained in the UL Standard referenced in the Test Record.

CNL - Products designated CNL have been investigated using requirements contained in the Canadian Standard referenced in the Test Record.

*

Note: CNL = Canadian National Standards - Listed.

USL = United States Standards - Listed.

RATINGS:

Horsepower for Types 3RT2015, 3RT2315

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Voltage	1-ph	3-ph	FLA/LRA
110-120 V	1/4	--	5.8/ 34.8
200 V	1/2	--	5.6/ 33.6
208 V	1/2	--	5.4/ 32.4
220/240 V	3/4	--	6.9/ 41.4
208 V	--	1 1/2	6.6 / 44
220/240 V	--	2	6.8 / 50
380-415 V	--	3	6.1 / 43
440/480 V	--	3	4.8 / 32
550/600 V	--	5	6.1 / 36.8

Max. FLA 7 A, Max. LRA 51 A (600 V)

Horsepower for Types 3RT2016, 3RT2316, 3RT2317, LEN00B00….B

Voltage	1-ph	3-ph	FLA/LRA
110-120 V	1/3	--	7.2/ 43.2
200 V	1	--	9.2/ 55.2
208 V	1	--	8.8/ 52.8
220/240 V	1	--	8.0/ 48
208 V	--	2	7.5 / 55
220/240 V	--	3	9.6 / 64
380-415 V	--	3	6.1 / 43
440/480 V	--	5	7.6 / 46
550/600 V	--	7 1/2	9.0 / 50.8

Max. FLA 9.6 A, Max. LRA 64 A (600 V)

Horsepower for Types 3RT2017

Voltage	1-ph	3-ph	FLA/LRA
110-120 V	1/2	--	9.8/ 58.8

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Voltage	1-ph	3-ph	FLA/LRA
200 V	1 1/2	--	11.5/ 69
208 V	1 1/2	--	11/ 66
220/240 V	2	--	12/ 72
208 V	--	3	10.6 / 71
220/240 V	--	3	9.6 / 64
380-415 V	--	5	9.7 / 61
440/480 V	--	7 1/2	11 / 63.5
550/600 V	--	10	11 / 64.8

Max. FLA 12.3 A, Max. LRA 72.9 A (600 V)

Horsepower for Types 3RT2018

Voltage	1-ph	3-ph	FLA/LRA
110-120 V	1	--	16/ 96
200 V	2	--	13.8/ 82.8
208 V	2	--	13.2/ 79.2
220/240 V	2	--	12/ 72
208 V	--	3	10.6 / 71
220/240 V	--	5	15.2 / 92
380-415 V	--	7 1/2	14.0 / 84
440/480 V	--	10	14.0 / 81
550/600 V	--	10	11 / 64.8

Max. FLA 16.5 A, Max. LRA 96.8 A (480 V)

Max. FLA 12.3 A, Max. LRA 72.9 A (600 V)

Horsepower for Types 3RT2515

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Voltage	1-ph	3-ph	FLA/LRA
	NO - NC	NO - NC	NO - NC
110-120 V	1/4	--	5.8 / 34.8
220/240 V	3/4	--	6.9 / 41.4
220/240 V	--	2	6.8 / 50
440/480 V	--	3	4.8 / 32

Max. FLA 7.6 A, Max. LRA 54 A (480 V)

Horsepower for Types 3RT2516

Voltage	1-ph	3-ph	FLA/LRA
	NO - NC	NO - NC	NO - NC
110-120 V	1/3	--	7.2 / 43.2
220/240 V	1	--	8 / 48
220/240 V	--	3	9.6 / 64
440/480 V	--	5	7.6 / 46

Max. FLA 10.6 A, Max. LRA 64 A (480 V)

Horsepower for Types 3RT2517

Voltage	1-ph	3-ph	FLA/LRA
	NO - NC	NO - NC	NO - NC
110-120 V	1/2 - 1/3	--	9.8/58.8 - 7.2/43.2
220/240 V	2 - 1	--	12/72 - 8/48
220/240 V	--	3	9.6 / 64
440/480 V	--	7.5 - 5	11/63.5 - 7.6/46

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

NC: Max. FLA 10.6 A, Max. LRA 64 A (480 V)

NO: Max. FLA 14 A, Max. LRA 84 A (480 V)

Horsepower for Types 3RT2518

Voltage	1-ph	3-ph	FLA/LRA
	NO - NC	NO - NC	NO - NC
110-120 V	1 - 1/3	--	16/96 - 7.2/43.2
220/240 V	2 - 1	--	12/72 - 8/48
220/240 V	--	5 - 3	15.2/92 - 9.6/64
440/480 V	--	10 - 5	14.0/81 - 7.6/46

NC: Max. FLA 10.6 A, Max. LRA 64 A (480 V)

NO: Max. FLA 16 A, Max. LRA 96 A (240 V)

NO: Max. FLA 14 A, Max. LRA 84 A (480 V)

Ratings for capacitive switching for Type 3RT2617

Voltage	1-ph	3-ph	Current
120 V	2kVar	3.4kVar	18A
208 V	3.6kVar	6.2kVar	18A
220/240 V	4kVar	6.9kVar	18A
440/480 V	8.3kVar	14kVar	18A
550/600 V	10kVar	17kVar	18A

*Maximum 1 operation per 20 seconds

Horsepower for Types 3RT2015 (Elevator Use)

Voltage	1-ph (1 or 2 pole)	3-ph	FLA/LRA
110/120 V	1/3	--	7.2 / 43.2
208 V	3/4	--	7.6 / 45.6

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0

© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Voltage	1-ph (1 or 2 pole)	3-ph	FLA/LRA
220/240 V	3/4	--	6.9 / 41.4
208 V	--	1	4.6 / 33
220/240 V	--	1 1/2	6.0 / 40
440/480 V	--	3	4.8 / 32
550/600 V	--	3	3.9 / 25.6

Horsepower for Types 3RT2016 (Elevator Use)

Voltage	1-ph	3-ph	FLA/LRA
110/120 V	1/3	--	7.2 / 43.2
208 V	3/4	--	7.6 / 45.6
220/240 V	3/4	--	6.9 / 41.4
208 V	--	1 1/2	6.6 / 44
220/240 V	--	2	6.8 / 50
440/480 V	--	5	7.6 / 46
550/600 V	--	5	6.1 / 36.8

Horsepower for Types 3RT2017 (Elevator Use)

Voltage	1-ph (1 or 2 pole)	3-ph	FLA/LRA
110/120 V	1/3	--	7.2 / 43.2
208 V	3/4	--	7.6 / 45.6
220/240 V	3/4	--	6.9 / 41.4
208 V	--	1 1/2	6.6 / 44
220/240 V	--	2	6.8 / 50
440/480 V	--	5	7.6 / 46
550/600 V	--	5	6.1 / 36.8

Horsepower for Types 3RT2018 (Elevator Use)

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Voltage	1-ph (1 or 2 pole)	3-ph	FLA/LRA
110/120 V	1/3	--	7.2 / 43.2
208 V	3/4	--	7.6 / 45.6
220/240 V	3/4	--	6.9 / 41.4
208 V	--	2	7.5 / 55
220/240 V	--	2	6.8 / 50
440/480 V	--	5	7.6 / 46
550/600 V	--	5	6.1 / 36.8

*

General Use Rating - 3RT2.1: Main Contacts 600 V ac, 20 A

Main Contacts 24 V dc, 20 A

AC Resistance - 3RT2315 600 V ac, 16 A

3RT2316 600 V ac, 18 A

3RT2317 600 V ac, 20 A

LEN00B00....B, 20 A, 250,000 cycl. at

600 V 1 pole / 1 phase,

600 V 2 poles / 1 phase or

600 V 3 poles / 3 phases

(min. enclosure size 10 inches by 6-3/8 inches by 4-3/4 inches)

DC Resistance - 3RT201 Main Contacts 24 V dc, 20 A

AC Resistance Air Heating - 3RT201 Main Contacts 600 V ac, 20 A, 250,000

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

cycles

AC Incandescent Lamps (AC Tungsten):

3RT2016, 3RT2017, 3RT2018, 3RT2316, 3RT2317,

LEN00B00....B, 20 A at

277 V 1 pole / 1 phase,

480 V 2 poles / 1 phase or

480 V 3 poles / 3 phases

(min. enclosure size 10 inches by 6-3/8 inches by 4-3/4 inches)

AC Electrical Discharge Lamps (AC Standard Ballast):

3RT2016, 3RT2017, 3RT2018 3RT2316, 3RT2317,

LEN00B00....B, 20 A at

347 V 1 pole / 1 phase,

600 V 2 poles / 1 phase or

600 V 3 poles / 3 phases

(min. enclosure size 10 inches by 6-3/8 inches by 4-3/4 inches)

Electronic Ballast/LED Driver:

3RT2016, LEN00B003…B, 3RT2316, LEN00B004…B – 8 A, 120 Vac, 1 pole/1 phase; 3 A, 277 Vac, 1 pole/1 phase

Definite purpose ratings:

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Horsepower for Types 3RT2015, 3RT2016 (AC Air Conditioning), 30,000 cycles

Voltage	1-ph	3-ph	FLA/LRA
110/120 V	1/3	--	7.2 / 43.2
208 V	1	--	8.8 / 52.8
220/240 V	1	--	8.0 / 48.0
208 V	--	1	4.6 / 33
220/240 V	--	3	9.6 / 64.0
440/480 V	--	5	7.6 / 46.0
550/600 V	--	7 1/2	9.0 / 50.8

Max. FLA 16.7 A, Max. LRA 67.4 A (600 V)

Horsepower for Types 3RT2017 (AC Air Conditioning) 30,000 cycles

Voltage	1-ph	3-ph	FLA/LRA
110/120 V	1/2	--	9.8 / 58.8
208 V	1 1/2	--	11.0 / 66.0
220/240 V	2	--	12.0 / 72.0
208 V	--	3	10.6 / 71.0
220/240 V	--	3	9.6 / 64.0
440/480 V	--	7 1/2	11.0 / 63.5
550/600 V	--	10	11.0 / 64.8

Max. FLA 16.7 A, Max. LRA 76.0 A (600 V)

Horsepower for Types 3RT2018 (AC Air Conditioning) 30,000 cycles

Voltage	1-ph	3-ph	FLA/LRA
110/120 V	1	--	16.0 / 96.0
208 V	2	--	13.2 / 79.2
220/240 V	2	--	12.0 / 72.0

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Voltage	1-ph	3-ph	FLA/LRA
208 V	--	3	10.6 / 71.0
220/240 V	--	5	15.2 / 92.0
440/480 V	--	10	14.0 / 81.0
550/600 V	--	10	11.0 / 64.8

Max. FLA 16.7 A, Max. LRA 96.9 A (480 V)

Max. FLA 16.7 A, Max. LRA 76.0 A (600 V)

Auxiliary Contacts – A600/Q600, 24 V dc, 10 A pilot duty for the basic device and A600/Q600, 24 V dc, 6 A pilot duty for 1-, 2- or 4-pole auxiliary contact blocks Type 3RH2911 are front or laterally mounted. The auxiliary contact blocks are available as factory assembled (removable or not removable design) or available as separate devices for individual arrangements.
For 3RT2617: A600/Q600, 24 V dc, 10 A pilot duty for the basic device and A600/Q600, 24 V dc, 6 A pilot duty for front mounted auxiliary contact.

Coil Ratings - All models, excluding operating system suffix “X”:

24 through 600 V ac, 12 through 250 V dc

Operating system suffix “X” only:

24 through 34 V dc, 72 through 125 V dc

Model 3RT2018 may be marked: “May Replace NEMA Size 0 Contactor” or equivalent.

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Standard Short Circuit Ratings:

*	Fuse	Fuse	Comb. Motor Cntlr.		
*Type No.	Class K5, RK5 or CC	Class J	3RV201 or 3RV202 1)	Short Circuit Current	Voltage
3RT201,	45 A	60 A	12.5 A	5 kA	600 V
LEN00B003…B			16 A	5 kA	480 V
3RT231,	45 A	60 A	12.5 A	5 kA	600 V
LEN00B004…B			16 A	5 kA	480 V
3RT251	45 A	60 A	12.5 A	5 kA	600 V
			16 A	5 kA	480 V
3RT2617	40 A	-	-	5 kA	600 V

	Circuit Breaker	Circuit Breaker	Circuit Breaker			
Type No.	Bkr TM 3RV1742 / 3RV2742	Bkr TM 3RV1721, 3RV1821	Bkr TM 3RV2711, 3RV2811, 3RV2721, 3RV2821	Bkr TM NGG, NEG/HEG ED63B, 3VA51	Short Circuit Current	Voltage
3RT201	50 A	8 A	12.5 A		5 kA	600 V
LEN00B003…B		22 A	22 A		5 kA	480 V
3RT231,	50 A	8 A	12.5 A		5 kA	600 V
LEN00B004…B		22 A	22 A		5 kA	480 V
3RT251	50 A	8 A	12.5 A		5 kA	600 V
		22 A	22 A		5 kA	480 V
3RT2018				30 A	5 kA	600 V

Type No.	Man Mtr. Ctlr. 3RV1011	Short Circuit Current	Voltage

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Type No.	Man Mtr. Ctlr. 3RV1011	Short Circuit Current	Voltage
3RT201,	12 A 1)	5 kA	600 V
3RT231			

1) Branch Circuit Protective Device The appropriate BCPD need to be determined in accordance with the National Electrical Code, Article 430-53 and the application. The following devices are permitted:

Fuses: Classes RK1, RK5, J, G, T, CC or

Circuit breakers: Listed Siemens type, with a marked short-circuit rating equal or larger than the available short-circuit current rating

These devices were tested for use at the above levels without any upstream branch circuit device.

Short circuit ratings apply to contactors 3RT201 in combination with Link modules 3RC7 and Stand-alone adapter 3RC7940-2TE00

Type	Current range	Contactors	Fuse Class J	Short circuit	Voltage
3RC7…1E, 3RC7…1K	0.4A - 4A 1.2A - 12A	3RT201.-2…	max. 60A	5kA	600V

Type	Current range	Contactors	Circuit Breaker	Short circuit	Voltage
3RC7…1E, 3RC7…1K	0.4A - 4A 1.2A - 12A	3RT201.-2…	3RV2721 max. 22A	5kA	480V
3RC7…1E, 3RC7…1K	0.4A - 4A 1.2A - 12A	3RT201.-2…	3RV2711 max. 12.5A	5kA	600V

High Capacity Short Circuit Ratings:

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

			Circuit Breaker	Circuit Breaker	Circuit Breaker	Circuit Breaker		
*Type No.	Fuse Class J	Comb. Mtr. Ctlr. 3RV201 or 3RV202 1)	Bkr TM 3RV1742/ 3RV2742	Bkr TM 3RV1721, 3RV1821	Bkr TM 3RV2711, 3RV2811, 3RV2721, 3RV2821	Bkr I	Short Circuit	Voltage
3RT2015	25 A					-	100 kA	600 V
			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V
3RT2016,	35 A					-	100 kA	600 V
LEN00B003…B			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V
3RT2017	45 A					-	100 kA	600 V
			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V
3RT2018	60 A					-	100 kA	600 V
			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

			Circuit Breaker	Circuit Breaker	Circuit Breaker	Circuit Breaker		
3RT2315	25 A					-	100 kA	600 V
			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V
3RT2316,	35 A					-	100 kA	600 V
LEN00B004…B			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V
3RT2317	45 A					-	100 kA	600 V
			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V

			Circuit Breaker	Circuit Breaker	Circuit Breaker	Circuit Breaker		
*Type No.	Fuse Class J	Comb. Mtr. Ctlr. 3RV201 or 3RV202 1)	Bkr TM 3RV1742/ 3RV2742	Bkr TM 3RV1721, 3RV1821	Bkr TM 3RV2711, 3RV2811, 3RV2721, 3RV2821	Bkr I	Short Circuit	Voltage
3RT2515	25 A					-	100 kA	600 V
			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

			Circuit Breaker	Circuit Breaker	Circuit Breaker	Circuit Breaker		
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V
3RT2516	35 A					-	100 kA	600 V
			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V
3RT2517	45 A					-	100 kA	600 V
			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V
3RT2518	60 A					-	100 kA	600 V
			10 A			-	42 kA	480 V
				22 A	22 A	-	50 kA	480 V
		16 A			15 A	-	65 kA	480 V
				8 A	12.5 A	-	10 kA	600 V
		12.5 A				-	30 kA	600 V

*1) The 3RV201 or 3RV202 in combination with contactors 3RT2 are also evaluated as Combination Motor Controllers Type F.

Type No.	Man Mtr. Ctlr. 3RV1011	Short Circuit	Voltage
3RT201/	12 A 2)	65 kA	480 V
3RT231	12 A 2)	10 kA	600 V

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

2) Branch Circuit Protective Device The appropriate BCPD need to be determined in accordance with the National Electrical Code, Article 430-53 and the application. The following devices are permitted:

Fuses: Classes RK1, RK5, J, G, T, CC or

Circuit breakers: Listed Siemens type, with a marked short-circuit rating equal or larger than the available short-circuit current rating

These devices were tested for use at the above levels without any upstream branch circuit device.

			CB	CB				
			Thermal magnetic1)	Thermal magnetic1)	Thermal magnetic1)	Thermal magnetic1)		
Contactor	OLR	OLR Current range	NGG	NEG/HEG	NEG/HEG	ED63B/ 3VA51+	Current	Voltage
*3RT2015, 2016, 2017, 2018	-	-	30 A	30 A	30 A	30A	65 kA	480 V
In combination with electronic overload relays type 3RB3	In combination with electronic overload relays type 3RB3	In combination with electronic overload relays type 3RB3	In combination with electronic overload relays type 3RB3	In combination with electronic overload relays type 3RB3	In combination with electronic overload relays type 3RB3	In combination with electronic overload relays type 3RB3	In combination with electronic overload relays type 3RB3	In combinatio with electronic overload relays typ 3RB3
*3RT2015, 2016, 2017, 2018	3RB3016-1RB0	0.1 - 0.4 A	15 A	15 A	15 A	15A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RB3016-1TB0	0.32 - 1.25 A	15 A	15 A	15 A	15A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RB3016-1PB0	1 - 4 A	15 A	15 A	15 A	15A	65 kA	480 V

© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

			CB	CB				
*3RT2015, 2016, 2017, 2018	3RB3016-1SB0	3 - 12 A	20 A	20 A	20 A	20A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RB3016-1TB0	4 - 16 A	30 A	30 A	30 A	30A	65 kA	480 V
In combination with thermal overload relays type 3RU2	In combination with thermal overload relays type 3RU2	In combination with thermal overload relays type 3RU2	In combination with thermal overload relays type 3RU2	In combination with thermal overload relays type 3RU2	In combination with thermal overload relays type 3RU2	In combination with thermal overload relays type 3RU2	In combination with thermal overload relays type 3RU2	In combinatio with thermal overload relays typ 3RU2
*3RT2015, 2016, 2017, 2018	3RU2116-0AB0	0.11 - 0.16 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-0BB0	0.14 - 0.20 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-0CB0	0.18 - 0.25 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-0DB0	0.22 - 0.32 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-0EB0	0.28 - 0.40 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-0FB0	0.35 - 0.50 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-0GB0	0.45 - 0.63 A	15 A	15 A	15 A	15 A	65 kA	480 V

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

			CB	CB				
*3RT2015, 2016, 2017, 2018	3RU2116-0HB0	0.55 - 0.80 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-0JB0	0.70 - 1.00 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-0KB0	0.90 - 1.25 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-1AB0	1.10 - 1.60 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-1BB0	1.40 - 2.00 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-1CB0	1.80 - 2.50 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-1DB0	2.20 - 3.20 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-1EB0	2.80 - 4.00 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-1FB0	3.50 - 5.00 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-1GB0	4.50 - 6.30 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-1HB0	5.50 - 8.00 A	15 A	15 A	15 A	15 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-1JB0	7.00 - 10.00 A	20 A	20 A	20 A	20 A	65 kA	480 V

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

			CB	CB				
*3RT2015, 2016, 2017, 2018	3RU2116-1KB0	9.00 - 12.50 A	25 A	25 A	25 A	25 A	65 kA	480 V
*3RT2015, 2016, 2017, 2018	3RU2116-4AB0	11.00 - 16.00 A	30 A	30 A	30 A	35 A	65 kA	480 V
In combination with monitoring relays type 3RR2	In combination with monitoring relays type 3RR2	In combination with monitoring relays type 3RR2	In combination with monitoring relays type 3RR2	In combination with monitoring relays type 3RR2	In combination with monitoring relays type 3RR2	In combination with monitoring relays type 3RR2	In combination with monitoring relays type 3RR2	In combinatio with monitoring relays typ 3RR2
*3RT2015, 2016, 2017, 2018	3RR2	1.6 - 16 A	30 A	30 A	30 A	30A	65 kA	480 V

1) Siemens listed Circuit breaker types NGG, NEG, HEG, ED63B or 3VA51.

+ Short circuit current ratings with 3VA51 as follows:

3VA51 SEAS: 240v, 65kA; 480v, 25kA

MEAS: 240v, 65kA, 480v, 35kA

HEAS: 240v, 65kA; 480v, 65kA

Short circuit ratings apply to contactors 3RT201 in combination with Link modules 3RC7 and Stand-alone adapter 3RC7940-2TE00

Type	Current range	Contactors	Fuse Class J	Short circuit	Voltage
3RC7…1E, 3RC7…1K	0.4A - 4A 1.2A - 12A	3RT201.-2…	max. 60A	100kA	600V

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

Type	Current range	Contactors	Circuit Breaker	Short circuit	Voltage
3RC7…1E, 3RC7…1K	0.4A – 4A 1.2A – 12A	3RT201.-2…	3RV2721 max. 22A	50kA	480V
3RC7…1E, 3RC7…1K	0.4A – 4A 1.2A – 12A	3RT201.-2…	3RV2711 max. 15A	65kA	480V
3RC7…1E, 3RC7…1K	0.4A – 4A 1.2A – 12A	3RT201.-2…	3RV2711 max. 12.5A	10kA	600V

Group Installation:

Maximum Short-circuit rating in Group Installations (only in combination with Manual Motor Controller 3RV2)

Type No.	Man Mtr. Ctlr. 3RV2.1 or 3RV2.2	Man Mtr. Ctlr. 3RV2.23	Short Circuit	Voltage
3RT201	16 A 1)	-	65 kA	480 V
	12.5 2)	16 A3)	30 kA	600 V
3RT231	16 A 1)	-	65 kA	480 V
	12.5 2))	16 A3)	30 kA	600 V
3RT251	16 A 1)	-	65 kA	480 V
	12.5 2)	16 A3)	30 kA	600 V

Type No.	Man Mtr. Ctlr. 3RV1011	Short Circuit	Voltage
*3RT201	8 A 1)	65 kA	480 V
*3RT231	8 A 1)	65 kA	480 V

1) Branch Circuit Protective Device The appropriate BCPD need to be determined in accordance with the National Electrical Code, Article 430-53 and the application. The following devices are permitted:

Fuses: Classes RK1, RK5, J, G, T, CC or

Circuit breakers: Listed Siemens type, with a marked short-circuit rating equal or larger than the available short-circuit current rating

These devices were tested for group installation use at the above levels without any upstream branch circuit device.

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

2) Branch Circuit Protective Device: Max. Fuse Size 100 A, Class J

3) Branch Circuit Protective Device: Max. Fuse Size 60 A, Class J

Standard Short Circuit Ratings

Type 2 coordination according to UL 60947-4-1A

		Circuit Breaker	Fuse	Fuse		
*Type No.	Comb. Mtr. Ctlr. 3RV201 or 3RV202	Bkr TM 3RV2711, 3RV2811	Class K5, RK5 or CC	Class J	Short Circuit Current	Voltage
3RT2.1.-1	-	-	6 A	30 A	5 kA	600 V
3RT2.1.-2	-	-	3 A	30 A	5 kA	600 V
3RT2.1	2 A	2 A	-	-	5 kA	600 V
3RT2.1	-	3.2 A	-	-	5 kA	480 V
3RT2.1.-1	3.2 A	-	-	-	5 kA	480 V

High Capacity Short Circuit Ratings

Type 2 coordination according to UL 60947-4-1A

		Circuit Breaker	Fuse		
*Type No.	Comb. Mtr. Ctlr. 3RV201 or 3RV202	Bkr TM 3RV2711, 3RV2811	Class J	Short Circuit Current	Voltage
3RT2.1	-	-	15 A	100 kA	600 V
3RT2.1	-	2 A	-	10 kA	600 V
3RT2.1	2 A	-	-	30 kA	600 V
3RT2.1	2 A	2 A	-	65 kA	480 V

NOMENCLATURE BREAKDOWN:

© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

3RT20	15	-1	A	B4	0	-....
I	II	III	IV	V	VI	VII

I. Basic Type

3RT20 - 3 main contacts + 1 to 5 auxiliary contacts

3RT23 - 4 NO main contacts + 1 to 4 auxiliary contacts

3RT25 – 2 NO + 2NC main contacts + 1 to 4 auxiliary contacts

3RT26 – 3 main contacts + 2 auxiliary contact

II. Size S00

3RT20:

15 - rated 3 hp at 480 V

16 - rated 5 hp at 480 V

17 - rated 7 1/2 hp at 480 V

18 - rated 10 hp at 480 V

3RT23:

15 - rated AC Resistance 16 A at 600 V

16 - rated AC Resistance 18 A at 600 V

17 - rated AC Resistance 20 A at 600 V

3RT25:

15 - rated 3 hp at 480 V

16 - rated 5 hp at 480 V

17 - rated 7 1/2 / 5 hp at 480 V

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

18 - rated 10 / 5 hp at 480 V

3RT26:

17 - rated 14 kVar at 480 V

III. Type of Terminals

1 - Screw Terminal

2 - Spring Terminal

4 – Ring lug terminals (Wire binding Screw)

IV. Operating system

A - AC operating system

B - DC operating system

H - DC operating system; operating limits 0.7 ... 1.25 x operating voltage

F - DC operating system with integrated diode

J - DC operating system with integrated diode; operating limits 0.7 ... 1.25 x operating voltage, for devices between 24 V and 110 V only.

G - DC operating system with integrated bridge rectifier for

AC control voltage

P - AC operating system with integrated supressor Diode

S or U – DC operating system with integrated supressor diode

K - DC operating system with integrated supressor diode; operating limits 0.7 ... 1.25 x operating voltage

L - DC operating system with integrated varistor; operating limits 0.7

© 2025 UL LLC. All rights reserved.

... 1.25 x operating voltage

*

M - DC operating system

Q - Identifies factory assembled EMC protective device; operating limits 0.7 ... 1.25 x operating voltage

V - DC operating system with integrated diode

W - Identifies factory assembled EMC protective device

X - DC operating system with electronic coil control

C, D, E, I, N, O, R, T, Y or Z - Identifies factory assembled EMC protective device.

V. Operating voltage

24 V ac through 600 V ac

12 V dc through 250 V dc

VI. Auxiliary Contact Arrangements

3RT201:

0 - non auxiliary contact

1 - 1 normally open

2 - 1 normally closed

3 - 1 normally open and 1 normally closed

4 - 2 normally open and 2 normally closed

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

*

6 - 2 normally open and 3 normally closed

7 - 3 normally open and 2 normally closed

8 - any other, individual auxiliary contact arrangements

3RT261:

3 - 1 normally open and 1 normally closed

4 - 2 normally open

5 - 2 normally closed

VII. Suffix letters and/or numbers specified commercial variations

-0CC0 - contactor with communication interface

-0LA0 - contactors with factory assembled resistor

-.... - any other commercial variation

LEN00B003	024	B
I	II	III

I. Basic Type

LEN00B003 - 3 main contacts + 1 to 5 auxiliary contacts type 3RH2911

LEN00B004 - 4 NO main contacts + 1 to 4 auxiliary contacts type 3RH2911

II. Operating system and voltage

... - AC operating system, operating voltage 24 V ac through 600 V ac

III. Type of Terminals

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.

Individual Certificate of Compliance

Certificate Number: E31519
Report Reference: E31519 - 20091029
Issue Date: 2009-10-29

B - Screw Terminal

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Customer Service at http://ul.com/aboutul/locations/

Generation Date: 2025-02-18
Data Updated: 2025-02-14
Form-ULID-019496-ver 1.0
© 2025 UL LLC. All rights reserved.