



Certificate of Compliance

Certificate: 1097911 (012730_C_000)

Master Contract: 165071

Project: 70053730

Date Issued: 2015-12-09

Issued to: Siemens AG
DF CP R&D VC 2
Werner-von-Siemens-Strasse 48
Amberg, 92224
GERMANY

The products listed below are eligible to bear the CSA Mark shown



Issued by: J.-C. Chow
J.-C. Chow

PRODUCTS

CLASS - C321104 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Magnetic
CLASS - C321124 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Magnetic-

Contactors, open types, Series 3RT1023, 3RT1024, 3RT1025, 3RT1026, 3RT1124, 3RT1325, 3RT1326, 3RT1526, 3RT1626 and 3RT1627 with the following ratings:

Horsepower 3RT1023^(*1)

Voltage	1-ph	3-ph	FLA	LRA
115 V	1/3 hp	-	7.2 A	-
200/208 V	1 hp	2 hp	9.2 A	57.5 A
230/240 V	1 hp	3 hp	9.6 A	73 A
460/480 V	-	5 hp	7.6 A	61 A
575/600 V	-	7 1/2 hp	9.0 A	73.2 A

Horsepower 3RT1024^(*1)

Voltage	1-ph	3-ph	FLA	LRA
115 V	1 hp	-	16 A	-
200/208 V	2 hp	3 hp	13.8 A	84 A
230/240 V	2 hp	3 hp	12 A	73 A
460/480 V	-	7 1/2 hp	11 A	91.5 A
575/600 V	-	10 hp	11 A	90 A



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Horsepower 3RT1025^(*)

Voltage	1-ph	3-ph	FLA	LRA
115 V	1 hp	-	16 A	-
200/208 V	2 hp	5 hp	17.5 A	140 A
230/240 V	3 hp	5 hp	17 A	122 A
460/480 V	-	10 hp	14 A	113 A
575/600 V	-	15 hp	17 A	135 A

Horsepower 3RT1026^(*)

Voltage	1-ph	3-ph	FLA	LRA
115 V	2 hp	-	24 A	-
200/208 V	3 hp	7 1/2 hp	25.3 A	210.5 A
230/240 V	3 hp	7 1/2 hp	22 A	183 A
460/480 V	-	15 hp	21 A	169 A
575/600 V	-	20 hp	22 A	180 A

Horsepower 3RT1124^(*)

Voltage	3-ph	FLA	LRA
200/208 V	3 hp	11 A	84 A
230/240 V	3 hp	9.6 A	73 A
460/480 V	7 1/2 hp	11 A	91.5 A

Horsepower 3RT1325, 3RT1326 or 3RT1526^(*) (4 NO or 2 NO + 2 NC Main Contacts)

Voltage	3-ph	FLA	LRA
200/208 V	5 hp	17.5 A	140 A
230/240 V	7 1/2 hp	22 A	183 A
460/480 V	15 hp	21 A	169 A

^(*) These devices are intended to be used in Combination with certified overload relays type 3RU. or 3RB..

Capacitive Switching 3RT1626

Voltage	1-ph	3-ph	Current
200/208 V	4.5 kVAR	8 kVAR	22 A
230/240 V	5 kVAR	9 kVAR	22 A
460/480 V	10.5 kVAR	18 kVAR	22 A
575/600 V	13 kVAR	22.8 kVAR	22 A

Capacitive Switching 3RT1627

Voltage	1-ph	3-ph	Current
200/208 V	7 kVAR	12.5 kVAR	36 A
230/240 V	8 kVAR	14 kVAR	36 A
460/480 V	16 kVAR	28.5 kVAR	36 A
575/600 V	20 kVAR	35 kVAR	36 A

Main contacts:

General Purpose Rating:

For 3RT1.2 (AC rating): 600 Vac, 35 A



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For 3RT1.2 (DC rating): 48 Vdc, 30 A / each pole (DC resistance, each pole permitted)

Definite Purpose:

- For 3RT102: Electric Heating, 600 V ac, 35 A, 250000 c.
- For 3RT132 and 3RT152: Resistance, 600 V ac, 40 A, 6000 c.
- For 3RT1023, 3RT1024, 3RT1025: Air conditioning, 600 Vac, 17.5 FLA, 30000 c.
- For 3RT1026: Air conditioning, 600 Vac, 25.3 FLA, 30000 c.

Auxiliary contacts: Auxiliary contact blocks Type 3RH1921 are top or side-mounted, for ratings refer to report 165071-1473118. The auxiliary blocks are available as factory assembled (removable or not removable design) or available as separate devices for individual arrangements.

Coil Ratings: 24 through 600 V ac, or 12 through 250 V dc

Standard Short-Circuit Ratings:

Type	Short-Circuit	Voltage	Fuse Rating		Circuit Breaker Rating	
			Class K5, RK5, RK1, J		Bkr TM ^{(*)2}	Bkr I ^{(*)3}
3RT1023	5 kA	600 V		70 A max	60 A max	10 A max
3RT1024	5 kA	600 V		70 A max	60 A max	10 A max
3RT1025 / 3RT1325	5 kA	600 V		70 A max	60 A max	30 A max
3RT1026	5 kA	600 V		100 A max	100 A max	40 A max
3RT1124	5 kA	480 V		40 A max	-	-
3RT1326 / 3RT1526	5 kA	600 V		100 A max	100 A max	40 A max

(*)2 CSA Certified inverse time circuit breakers

(*)3 CSA Certified instantaneous trip circuit breakers manufactured by Siemens, Type ED63A...

High-Capacity Short-Circuit Ratings:

Type	Short Circuit	Voltage	Fuse Rating		Circuit Breaker		3RV102 ^{(*)4}
			Class K5, RK5, RK1	Class J	Bkr TM	Bkr I	Size S0
3RT1023	65 kA	480 V	-	-	30 A	-	8 A
	25 kA	600 V	-	-	30 A	-	8 A
	100 kA	600 V	40 A	80 A	-	-	-
3RT1024	65 kA	480 V	-	-	40 A	-	10 A
	25 kA	600 V	-	-	40 A	-	10 A
	100 kA	600 V	40 A	80 A	-	-	-
3RT1025	65 kA	480 V	-	-	50 A	-	16 A
	25 kA	600 V	-	-	50 A	-	12.5 A
	100 kA	600 V	40 A	80 A	-	-	-
3RT1026	65 kA	480 V	-	-	70 A	-	22 A
	25 kA	600 V	-	-	70 A	-	12.5 A
	100 kA	600 V	-	100 A	-	-	-

(*)4 For Siemens CSA Certified, Type E, Self-Protecting Combination Motor Controller (Class 3211 08), Type 3RV102 (Size S0) covered in report 165071-1243111.



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High-Capacity Short-Circuit Ratings for Starters (Contactors plus Overload Relays):

Type	Short Circuit	Voltage	Fuse Rating		Circuit Breaker	
			Class K5, RK5, RK1	Class J	Bkr TM ^(*5)	Bkr I
3RT1023 + 3RU1126	65 kA	480 V	-	-	30 A	-
	100 kA	600 V	-	30 A	-	-
3RT1024 + 3RU1126	65 kA	480 V	-	-	40 A	-
	100 kA	600 V	-	40 A	-	-
3RT1026 + 3RU1126	65 kA	480 V	-	-	70 A	-
	100 kA	600 V	-	100 A	-	-
3RT1023 + 3RB2026	65 kA	480 V	-	-	30 A	-
	25 kA	600 V	-	-	30 A	-
	100 kA	600 V	-	30 A	-	-
3RT1024 + 3RB2026	65 kA	480 V	-	-	40 A	-
	25 kA	600 V	-	-	40 A	-
	100 kA	600 V	-	40 A	-	-
3RT1026 + 3RB2026	65 kA	480 V	-	-	70 A	-
	25 kA	600 V	-	-	70 A	-
	100 kA	600 V	-	100 A	-	-

(*5) For Siemens CSA Certified, NGG3B, NEG3B or HEG3B circuit breakers. Circuit breaker catalog number will have a suffix indicating ampere rating (e.g., NGG3B050L indicates a 50A circuit breaker).

Group Applications Maximum Short-Circuit Ratings (3-phase rms symmetrical) in Group Installation (only in combination with Manual Motor Controller 3RV1):

Contactors + Manual Motor Controller ^(*6)	Short-Circuit	Voltage
3RT1023 + 3RV1021 (8 A max)	65 kA	480V
	25 kA	600V
3RT1024 + 3RV1021 (10 A max)	65 kA	480V
	25 kA	600V
3RT1025 + 3RV1021 (16 A max)	65 kA	480V
3RT1025 + 3RV1021 (12.5 A max)	25 kA	600V
3RT1026 + 3RV1021 (22 A max)	65 kA	480V
3RT1026 + 3RV1021 (12.5 A max)	25 kA	600V

(*6) The Branch Circuit Protective devices permitted are: Fuses Class RK1, RK5, J, G, T or CC; or Siemens CSA Certified circuit breakers with marked short-circuit rating equal or greater than the available short-circuit current rating.

Notes:

1. The type designation may be completed with suffixes.
2. Certified as component for use only in Certified equipment where the acceptability of combination is to be determined by CSA.



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Nomenclature Breakdown

3RT10 24 - 1 A .. 0 -
 I II III IV V VI VII

I Basic Type

- 3RT10 3 main contacts + 1 to 4 auxiliary contacts top mounted
- 3RT11 3 weld-free main contacts + 1 to 4 auxiliary contacts top mounted
- 3RT13 4 NO main contacts + 1 to 4 auxiliary contacts
- 3RT15 2 NO +2 NC main contacts + 1 to 4 auxiliary contacts
- 3RT16 3 main contacts + 1 auxiliary contact, capacitive switching

II Size S0

3RT10:

- 23 Rated for 600 V / 7 1/2 hp / 3 ph
- 24 Rated for 600 V / 10 hp / 3 ph
- 25 Rated for 600 V / 15 hp / 3 ph
- 26 Rated for 600 V / 20 hp / 3 ph

3RT11:

- 24 Rated for 480 V / 7 1/2 hp / 3 ph

3RT13:

- 25 Rated for 480 V / 15 hp / 3 ph
- 26 Rated for 480 V / 15 hp / 3 ph

3RT15:

- 26 Rated for 480 V / 15 hp / 3 ph

3RT16:

- 26 Rated for capacitive switching 600 V / 22 A
- 27 Rated for capacitive switching 600 V / 36 A

III Type of Terminals

- 1 Screw Terminals
- 3 Cage Clamp for coil terminals

IV Operating System

- A AC operating system
- B or H DC operating system
- C AC operating system with integrated EMC protective unit varistor 60V/250 mW, 150V/250 mW, 300V/250 mW, 460V/400 mW or 680V/400 mW
- D or K DC operating system with integrated EMC protective unit varistor 60V/250 mW, 150V/250 mW or 300V/250 mW
- E AC operating system with integrated EMC protective unit RC element 68 Ω / 0.5 W / 4.7 μF / 100V, 270 Ω / 0.5 W / 0.68 μF / 250V, 1.0 kΩ / 0.5 W / 0.1 μF / 630 V, 3.9 kΩ / 0.5 W / 0.033 μF / 1000 V or 10 kΩ / 0.5 W / 0.01 μF / 2000 V
- F, J, V, R or Q DC operating system with integrated EMC protective unit diode combination, diode 4 kV / 250 mW, Zenerdiode 10 V / 600 W
- S DC operating system with integrated diode combination



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- X Commercial variation
- V Operating Voltage
 - .. 24 V through 600 V ac or 12 through 250 V dc
- VI Auxiliary Contact Arrangements
 - 0 Non auxiliary contact
 - 1 1 normally open
 - 2 1 normally closed
 - 3 1 normally open and 1 normally closed, top mounted
 - 4 2 normally open and 2 normally closed, top mounted
 - 5 1 normally open and 1 normally closed, side mounted
 - 6 2 normally open and 2 normally closed, side mounted
 - 8 Any other, individual auxiliary contact arrangements
- VII Suffix letters and/or numbers specifies commercial variations
 - 0LA2 With coil control unit 5070240 covered under report 165071-1517506
 - 0GA0 With coil control unit 5070220 covered under report 165071-1517506
 - .. Any other commercial variation

APPLICABLE REQUIREMENTS

- CSA-C22.2 No. 14-13 - Industrial Control Equipment
- CAN/CSA-C22.2 No. 60947-1-13 - Low-Voltage Switchgear and Controlgear - Part 1: General rules
- CAN/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