

CERTIFICATE OF COMPLIANCE

Certificate Number 20181212-E185287
Report Reference E185287-20140425
Issue Date 2018-DECEMBER-12

Issued to: Siemens Industry Inc
5400 Triangle Pkwy
Norcross GA 30092-2540

**This is to certify that
representative samples of**

COMBINATION MOTOR CONTROLLERS
See next page

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

Standard(s) for Safety: UL 60947-4-1, Low-Voltage Switchgear and Control-gear –
Part 4-1: Contactors and motor-starters –
Electromechanical contactors and motor-starters, CSA
C22.2 NO 60947-4-1-14 Low-Voltage Switchgear and
Control-gear – 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.



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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.


Addendum-

Cat. No. 3RT2015, 3RT2016, 3RT2017, 3RT2018, 3RT2023, 3RT2024, 3RT2025, 3RT2026, 3RT2027, 3RT2028, 3RW4, with suffix numbers and letters..

Ratings:

**HIGH CAPACITY RATINGS
SIEMENS CIRCUIT BREAKERS WITH IEC CONTACTORS WITH OVERLOAD RELAYS**

V	kAmp, rms	Contractor	Maximum Breaker Size	Cat. No. ++	Type	Circuit Breaker Rating, kA	Overload relay, Monitoring Relay	Enclosure Dimensions, in.
480	65	3RT2015, 3RT2016, 3RT2017, 3RT2018	30	NGG HGG LGG	TM TM TM	480/25 480/35 480/65	3RB3016, 3RU2116, 3RR2	24x11x8
480	65	3RT2015, 3RT2016, 3RT2017, 3RT2018	30	NEG	TM	480/25	3RB3016, 3RU2116, 3RR2	24x11x8
480	65	3RT2015, 3RT2016, 3RT2017, 3RT2018	30	HEG	TM	480/65	3RB3016, 3RU2116, 3RR2	24x11x8
480	65	3RT2015, 3RT2016, 3RT2017, 3RT2018	35	ED63B	TM	480/65	3RU2116	24x11x8
480	25	3RT2015, 3RT2016, 3RT2017, 3RT2018	35	3VA51, SEAS	TM	480/25	3RB3016, 3RU2116, 3RR2	24x11x8
480	35	3RT2015, 3RT2016, 3RT2017, 3RT2018	35	3VA51, MEAS	TM	480/35	3RB3016, 3RU2116, 3RR2	24x11x8



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480	65	3RT2015, 3RT2016, 3RT2017, 3RT2018	35	3VA51- HEAS	TM	480/65	3RB3016, 3RU2116, 3RR2	24x11x8
480	65	3RT2015, 3RT2016, 3RT2017, 3RT2018	35	3VA51- HEAS	TM	480/65	3RB3016, 3RU2116, 3RR2	24x11x8
480	65	3RT2023	15	NGG HGG LGG	TM TM TM	480/25 480/35 480/65	3RU2126, 3RB2026, 3RR2	24x11x8
480	65	3RT2024	25	NGG HGG LGG	TM TM TM	480/25 480/35 480/65	3RU2126, 3RB2026, 3RR2	24x11x8
480	65	3RT2025	30	NGG HGG LGG	TM TM TM	480/25 480/35 480/65	3RU2126, 3RB2026, 3RR2	24x11x8

480	65	3RT2026	40	NGG HGG LGG	TM TM TM	480/25 480/35 480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2027	60	NGG HGG LGG	TM TM TM	480/25 480/35 480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2028	70	NGG HGG LGG	TM TM TM	480/25 480/35 480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2023	15	NEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2024	25	NEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2025	30	NEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2026	40	NEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2027	60	NEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2028	70	NEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8



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480	65	3RT2023	15	HEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2024	25	HEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2025	30	HEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2026	40	HEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2027	60	HEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2028	70	HEG	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2023	15	ED63B	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	25	3RT2023	15	3VA51, SEAS	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	35	3RT2023	15	3VA51, MEAS	TM	480/35	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2023	15	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2023	15	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2024	25	ED63B	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	25	3RT2024	25	3VA51, SEAS	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	35	3RT2024	25	3VA51, MEAS	TM	480/35	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2024	25	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8



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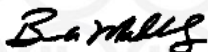
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480	65	3RT2024	25	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2025	30	ED63B	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	25	3RT2025	30	3VA51, SEAS	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	35	3RT2025	30	3VA51, MEAS	TM	480/35	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2025	30	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2025	30	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2026	40	ED63B	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	25	3RT2026	40	3VA51, SEAS, 3VA61	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	35	3RT2026	40	3VA51, MEAS, 3VA61	TM	480/35	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2026	40	3VA51- HEAS, 3VA61	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2026	40	3VA51- HEAS, 3VA61	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8



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480	65	3RT2027	60	ED63B	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	25	3RT2027	60	3VA51, SEAS	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	35	3RT2027	60	3VA51, MEAS	TM	480/35	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2027	60	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2027	60	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2028	80	ED63B	TM	480/25	3RU2126, 3RB3026, 3RR22	24x11x8
480	25	3RT2028	80	3VA51, SEAS	TM	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	35	3RT2028	80	3VA51, MEAS	TM	480/35	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2028	80	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2028	80	3VA51- HEAS	TM	480/65	3RU2126, 3RB3026, 3RR2	24x11x8

480	65	3RT2023	25	ED63A	IT	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2024	25	ED63A	IT	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2025	30	ED63A	IT	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2026	40	ED63A	IT	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2027	50	ED63A	IT	480/25	3RU2126, 3RB3026, 3RR2	24x11x8
480	65	3RT2028	50	ED63A	IT	480/25	3RU2126, 3RB3026, 3RR2	24x11x8

++ - Listed Siemens NEG3B, HEG3B, NGG3B, HGG3B, LGG3B, ED63B or R/C Siemens ED63A circuit breakers. Circuit breaker catalog number will have a suffix indicating ampere rating (e.g., NGG3B050L indicates a 50 amp circuit breaker)

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Cat. No. 3RW4 Solid State Starters - Overload Protection provided by soft-starter

3RW4 Suffix	Volts	k Amps	Protective Device	Max Size (amps)	Mfg.	Type@	Minimum Enclosure size
024,026,027,028	480	100	I.T.	70	Siemens	HEM3M	18x20x20
024,026,027,028 024,026,027,028	480	100	I.T.	100	Siemens	ED63A	18x20x20
024,026,027,028	480	100	T.M.	60	Siemens	HEG3B	18x20x20
024,026,027,028	480	100	T.M.	60	Siemens	ED63B	18x20x20
036, 037, 038	480	100	I.T.	100	Siemens	HEM3M	18x20x20
036, 037, 038	480	100	I.T.	125	Siemens	ED63A	18x20x20
036, 037, 038	480	100	T.M.	100	Siemens	HEG3B	18x20x20
036, 037, 038	480	100	T.M.	100	Siemens	ED63B	18x20x20
046	480	100	I.T.	125	Siemens	ED63A	24x20x20
046	480	100	T.M.	125	Siemens	HEG3B	24x20x20
046	480	100	T.M.	125	Siemens	ED63B	24x20x20
047	480	100	T.M.	175	Siemens	FD63B	24x20x20
047	480	100	I.T.	125	Siemens	ED63A	24x20x20
047	480	100	I.T.	150	Siemens	FXD63A	24x20x20
422	480	100	I.T.	40	Siemens	ED63A,HEM3M	24x20x20
423	480	100	I.T.	50	Siemens	ED63A,HEM3M	24x20x20
424	480	100	I.T.	100	Siemens	ED63A,HEM3M	24x20x20
425	480	100	I.T.	50	Siemens	ED63A,HEM3M	24x20x20
426	480	100	I.T.	100	Siemens	ED63A,HEM3M	24x20x20
426	480	100	I.T.	125	Siemens	ED63A	36x20x20
427	480	100	I.T.	100	Siemens	ED63A,HEM3M	24x20x20
427	480	100	I.T.	125	Siemens	ED63A	36x20x20



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434	480	100	I.T.	125	Siemens	ED63A,HEM3M	24x20x20
055, 435	480	100	I.T.	150	Siemens	FXD63A	24x20x20
056, 436	480	100	I.T.	250	Siemens	FXD63A	24x20x20
443	480	100	I.T.	250	Siemens	FXD63A	36x20x20
072, 073, 444	480	100	I.T.	400	Siemens	JXD63L	36x20x20
074, 445	480	100	I.T.	400	Siemens	JXD63L	36x20x20
075, 446	480	100	I.T.	400	Siemens	JXD63L	36x20x20
076, 447	480	100	I.T.	600	Siemens	LXD63H	60x20x20
422	480	100	T.M.	40	Siemens	ED63B	24x20x20
423	480	100	T.M.	50	Siemens	ED63B	24x20x20
424	480	100	T.M.	70	Siemens	ED63B	24x20x20
425	480	100	T.M.	70	Siemens	ED63B	24x20x20
426	480	100	T.M.	100	Siemens	ED63B	24x20x20
427	480	100	T.M.	150	Siemens	FD63B	24x20x20
434	480	100	T.M.	150	Siemens	FD63B	24x20x20
055, 435	480	100	T.M.	150	Siemens	FD63B	24x20x20
056, 436	480	100	T.M.	200	Siemens	JD63B	24x20x20
443	480	100	T.M.	300	Siemens	JD63B	36x20x20
072, 073, 444	480	100	T.M.	300	Siemens	JD63B	36x20x20
074, 445	480	100	T.M.	400	Siemens	JD63B	36x20x20

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075, 446	480	100	T.M.	500	Siemens	LD63B	36x20x20
076, 447	480	100	T.M.	600	Siemens	LD63B	60x20x20
024,026,027,028	600	25	I.T.	100	Siemens	ED63A	18x20x20
024,026,027,028	600	25	I.T.	60	Siemens	ED63B	18x20x20
036, 037, 038	600	25	I.T.	125	Siemens	ED63A	18x20x20
036, 037, 038	600	25	T.M.	100	Siemens	ED63B	18x20x20
046	600	25	I.T.	125	Siemens	ED63A	24x20x20
046	600	25	T.M.	125	Siemens	ED63B	24x20x20
047	600	25	T.M.	175	Siemens	ED63B	24x20x20
047	600	42	I.T.	125	Siemens	ED63A	24x20x20
047	600	25	I.T.	150	Siemens	FXD63A	24x20x20
422	600	50	I.T.	40	Siemens	ED63A,HEM3M	24x20x20
422	600	42	I.T.	50	Siemens	ED63A	36x20x20
423	600	50	I.T.	50	Siemens	ED63A,HEM3M	24x20x20
423	600	42	I.T.	100	Siemens	ED63A	36x20x20
424	600	50	I.T.	50	Siemens	ED63A,HEM3M	24x20x20
425	600	50	I.T.	50	Siemens	ED63A,HEM3M	24x20x20
426	600	50	I.T.	100	Siemens	ED63A,HEM3M	24x20x20
427	600	50	I.T.	125	Siemens	ED63A,HEM3M	24x20x20



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426	600	42	I.T.	125	Siemens	ED63A	36x20x20
434	600	50	I.T.	150	Siemens	FXD63A	24x20x20
055, 435	600	50	I.T.	150	Siemens	FXD63A	24x20x20
056, 436	600	50	I.T.	250	Siemens	FXD63A	24x20x20
443	600	50	I.T.	400	Siemens	JXD63L	36x20x20
072, 073, 444	600	50	I.T.	400	Siemens	JXD63L	36x20x20
074, 445	600	50	I.T.	400	Siemens	JXD63L	36x20x20
075, 446	600	50	I.T.	400	Siemens	JXD63L	36x20x20
076, 447	600	50	I.T.	600	Siemens	LXD63H	60x20x20
434	600	50	T.M.	150	Siemens	FD63B	24x20x20
055, 435	600	50	T.M.	150	Siemens	FD63B	24x20x20
056, 436	600	50	T.M.	250	Siemens	JD63B	24x20x20
443	600	50	T.M.	250	Siemens	JD63B	24x20x20
072, 073, 444	600	50	T.M.	300	Siemens	JD63B	36x20x20
074, 445	600	50	T.M.	400	Siemens	JD63B	36x20x20
075, 446	600	50	T.M.	450	Siemens	LD63B	36x20x20
076, 447	600	50	T.M.	600	Siemens	LD63B	60x20x20



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024,026,027,028	600	100	FUSE	100	-	RK1	30x20x20
036, 037, 038	600	100	FUSE	200	-	RK1	42x20x20
047	600	100	FUSE	200	-	RK1	42x20x20
422	600	100	FUSE	50 100	-	RK5 J	24x20x20
423	600	100	FUSE	60 120	-	RK5 J	24x20x20
424	600	100	FUSE	80 160	-	RK5 J	36x20x20
425	600	100	FUSE	80	-	RK5	36x20x20
426	600	100	FUSE	125 250	-	RK5 J	42x20x20
427	600	100	FUSE	150 300	-	RK5 J	42x20x20
434	600	100	FUSE	200 400	-	RK5 J	42x20x20
055, 435	600	100	FUSE	200 400	-	RK5 J	42x20x20
056, 436	600	100	FUSE	250 500	-	RK5 J	60x20x20
443	600	100	FUSE	300 600	-	RK5 J	60x20x20
072, 073, 444	600	100	FUSE	350	-	RK5	60x20x20
074, 445	600	100	FUSE	450	-	RK5	60x20x20
075, 446	600	100	FUSE	600	-	RK5	60x20x20
076,447	600	100	FUSE	700	-	L	60x20x20
453	600	100	FUSE	1000	-	L	72x20x20



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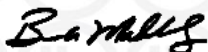
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453	480	65	T.M.	800/800 TRIP	Siemens	HMD6	72x20x20
453	600	50	T.M.	800/800 TRIP	Siemens	HMD6	72x20x20
454,455	600	100	FUSE	1000	-	L	72x20x20
454,455	480	100	T.M.	1200/900 TRIP	Siemens	HND6	72x20x20
454,455	600	50	T.M.	1200/900 TRIP	Siemens	HND6	72x20x20
456,457	600	100	FUSE	1000	-	L	72x20x20
456,457	480	100	T.M.	1200/1000 TRIP	Siemens	HND6	72x20x20
456,457	600	50	T.M.	1200/1000 TRIP	Siemens	HND6	72x20x20
458	600	65	T.M.	1200	Siemens	CND6	72x20x20
458	480	65	T.M.	1200	Siemens	CND6	72x20x20
465, 466	600	42	T.M.	1600	Siemens	CPD6	72x20x20
465, 466	480	42	T.M.	1600	Siemens	CPD6	72x20x20

@ Other circuit breakers which may be used are as follows:

Specified Type	Others permitted
ED63A	HED63A, HHED63A OR CED63A
FXD63A	FXD63L, CFD63L, HFXD63A OR CFD63A
FXD63H	FXD63L, HFXD63L, CFD63L, CFD63A or CFD63H
JXD63A	HJXD63A OR CJD63A
JXD63L	CJD63L
JXD63H	JXD63L, CJD63L or CJD63H
LXD63H	LXD63L, CLD63L or CLD63H
MXD63A	MXD63L, CMD63L, or CMD63A
MXD63H	MXD63L, MXD63A, CMD63L, CMD63A or CMD63H
ED63B	HED63B, HHED63B, CED63B, 3VA51@@, 3VA52@@, or 3VA61@@
FD63B	FXD63B, HFD63B, HFXD63B, HHFD63B, HHFXD63B, CFD63B, 3VA52@@ or 3VA62@@
JD63B	JXD63B, HJ63B, HJXD63B, HHJD63B, HHJXD63B, CJD63B, 3VA52@@, 3VA62@@ or 3VA63@@
LD63B	LXD63B, HLD63B, HLXD63B, HHL63B, HHLXD63B, CLD63BMD63B, or 3VA64@@
MD63B	MXD63B, HMD63B, HMXD63B, OR CMD63B
ND63B	NXD63B, HND63B, HNXD63B OR CND6
NGG3B	HGG3B, LGG3B

@@ Maximum ratings with 3VA circuit breakers as shown in Tables 2 through 6.



Bruce Mahrenholz, Director North American Certification Program

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CERTIFICATE OF COMPLIANCE


Certificate Number 20181212-E185287
Report Reference E185287-20140425
Issue Date 2018-DECEMBER-12

Table 2

3VA51	Circuit Breaker Type													
	SEAS		MEAS		HEAS		HEAS		SEAS		MEAS		HEAS	
Current	Voltage	SCCR	Voltage	SCCR	Voltage	SCCR	Voltage	SCCR	Voltage	SCCR	Voltage	SCCR	Voltage	SCCR
15 - 35	600	14	600	18	600	25								
40 - 90	600	14	600	18			600	18						
100 - 125									600	14	600	14	600	14
15 - 35	480	25	480	35	480	65								
40 - 90	480	25	480	35			480	65						
100 - 125									480	25	480	35	480	65
15 - 35	240	65	240	65	240	65								
40 - 90	240	65	240	65			240	65						
100 - 125									240	65	240	65	240	65

Table 3:

3VA61	Circuit Breaker Type							
	MDAE		HDAE		CDAE		LDAE	
Current	Voltage	SCCR	Voltage	SCCR	Voltage	SCCR	Voltage	SCCR
40-150	600	18	600	22	600	25	600	25
40-150	480	35	480	65	480	65	480	65
40-150	240	65	240	65	240	65	240	65



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Table 4:

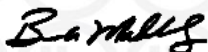
3VA52	Circuit Breaker Type					
	MFAS		HFAS		CFAS	
	Current	Voltage	SCCR	Voltage	SCCR	Voltage
100 - 250	600	18	600	25	600	25
100 - 250	480	35	480	65	480	65
100 - 250	240	65	240	65	240	65

Table 5:

3VA63	Circuit Breaker Type							
	MJAE		HJAE		CJAE		LJAE	
	Current	Voltage	SCCR	Voltage	SCCR	Voltage	SCCR	Voltage
250 - 400	600	18	600	22	600	25	600	25
250 - 400	480	35	480	65	480	65	480	65
250 - 400	240	65	240	65	240	65	240	65

Table 6:

3VA64	Circuit Breaker Type							
	MLAE		HLAE		CLAE		LLAE	
	Current	Voltage	SCCR	Voltage	SCCR	Voltage	SCCR	Voltage
600	600	18	600	22	600	25	600	25
600	480	35	480	65	480	65	480	65
600	240	65	240	65	240	65	240	65



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