

CERTIFICATE OF COMPLIANCE

Certificate Number E498932
Report Reference E498932-20180425
Issue Date 2020-DECEMBER-17

Issued to: Siemens AG
Low Voltage
Siemensstrasse 10
93055 Regensburg GERMANY

This is to certify that representative samples of MOTOR CONTROLLERS, MANUAL
See Addendum Page

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

Standard(s) for Safety: UL 60947-1 LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR - PART 1: GENERAL RULES- Edition 5 - Issue Date 2013/07/31
UL 60947-4-1 LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR - PART 4-1: CONTACTORS AND MOTOR-STARTERS - ELECTROMECHANICAL CONTACTORS AND MOTOR-STARTERS- Edition 3 - Revision Date 2017/10/17
UL 508 STANDARD FOR INDUSTRIAL CONTROL EQUIPMENT- Edition 18 - Issue Date 2018/03/30
CSA C22.2 NO. 60947-1-13 LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR — PART 1: GENERAL RULES- Edition 2 - Issue Date 2013/07/31
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- Edition 2 - Issue Date 2014/04/04
CSA C22.2 NO. 14-13 INDUSTRIAL CONTROL EQUIPMENT- Edition 12 - Issue Date 2013/03/01

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



Bruce Mahrenholz, Director North American Certification Program
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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.

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

USL, CNL – Open type manual motor controllers with fuses, Cat. Nos. 3KF4 followed by 3 or 4, followed by 40, followed by -0, or -1, followed by M, followed by F, followed by 51.

USL, CNL – Accessory, switchable neutral pole, Cat. No. 3KF9405-0AA00
 Accessory, fixed neutral pole, Cat. No. 3KF9406-7AA00
 Accessory, detachable neutral pole, Cat. No. 3KF9406-0AA00

RATINGS:

Manual motor controller type 3KF4340-0MF51:

General Use current (ampere) Three phase	Voltage in [Vac]	FLA (Amperes) Three Phase	Max. HP Three Phase	SCCR (rms in kA)	Amperage rating Fuse	Fuse Type	Wire Range (AWG)	Torque (Nm)
320	240	248	100	100	320	K-1, RK1, CC, J, T	1x (AWG 3...kcmil400) 2x (AWG 3...2/0)	30 - 44
	480	302	250					
	600	242	250					



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RATINGS for special purpose fuse SITOR according to UL constraints:

Minimum housing size:

- 3KF4340-0MF51 – 581 x 600 x 309 mm

SITOR semiconductor fuse data						Permissible load currents of fuse when installed in type 3KF SITOR
Type	Size	Rated current In	Rated Voltage	Operational class	Power loss Pv	3KF4340-0MF51
		A	V AC		W	A
3NE1224-0	1	160	690	gS	24	160
3NE1224-2/-3	1	160	690	gR	32	160
3NE1225-0	1	200	690	gS	27	200
3NE1225-2/-3	1	200	690	gR	35	200
3NE1227-0	1	250	690	gS	30	250
3NE1227-2/-3	1	250	690	gR	37	250
3NE1230-0	1	315	690	gS	38	280
3NE1230-2/-3	1	315	690	gR	40	275
3NE3221	1	100	1000	aR	28	100
3NE3222	1	125	1000	aR	36	125
3NE3224	1	160	1000	aR	42	160
3NE3225	1	200	1000	aR	42	200
3NE3227	1	250	1000	aR	50	200
3NE3230-0B	1	315	1000	aR	60	225
3NE3231	1	350	1000	aR	75	220
3NE3232-0B	1	400	1000	aR	85	230
3NE3233	1	450	1000	aR	95	250
3NE1331-0	2	350	690	gS	42	315
3NE1331-2/-3	2	350	690	gR	43	300



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3NE1332-0	2	400	690	gS	45	320
3NE1332-2/-3	2	400	690	gR	50	310
3NE1333-0	2	450	690	gS	53	320
3NE1333-2/-3	2	450	690	gR	58	320
3NE1334-0	2	500	690	gS	56	320
3NE1334-2/-3	2	500	690	gR	64	320
3NE3332-0B	2	400	1000	aR	80	260
3NE3333	2	450	1000	aR	90	285
3NE3334-0B	2	500	1000	aR	90	300
3NE3335	2	560	1000	aR	95	320
3NE3336	2	630	1000	aR	100	320
3NE3337-8	2	710	900	aR	105	320
3NE3338-8	2	800	800	aR	130	320
3NE3340-8	2	900	690	aR	165	347
3NE4327-0B	2	250	800	aR	105	160
3NE4330-0B	2	315	800	aR	120	205
3NE4333-0B	2	450	800	aR	140	225
3NE4334-0B	2	500	800	aR	155	240
3NE4337	2	710	800	aR	155	320

The specified values apply to a 3KF mounted in accordance with the test conditions of UL 508 / UL 60947-4-1 (installation in an enclosure) and with connected insulated cables, cross section corresponding to the rated operational current of the 3KF switch disconnecter. Accessories that may be used with 3KF4 series

Typ	Description
3SB3400-0B	1 NO
3SB3400-0BA	1 NO, with gold-plated contacts
3SB3400-0C	1 NC
3SB3400-0CA	1 NC, with gold-plated contacts
3SB3400-0A	1 NO + 1 NC
3SB3400-0AA	1 NO + 1 NC, with gold-plated contacts
3SB3400-0D	2 NO
3SB3400-0DA	2 NO, with gold-plated contacts
3SB3400-0E	2 NC
3SB3400-0EA	2 NC, with gold-plated contacts
3SU14001AA101BA0	1 NO
3SU14001AA101LA0	1 NO, with gold-plated contacts

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3SU14001AA101CA0	1 NC
3SU14001AA101MA0	1 NC, with gold-plated contacts
3SU14001AA101FA0	1 NO + 1 NC
3SU14001AA101QA0	1 NO + 1 NC, with gold-plated contacts
3SU14001AA101DA0	2 NO
3SU14001AA101NA0	2 NO, with gold-plated contacts
3SU14001AA101EA0	2 NC
3SU14001AA101PA0	2 NC, with gold-plated contacts
3KF9405-0BA00	4th switching pole
3KF9406-7AA00	N/PE terminal with permanent jumper
3KF9406-0AA00	Neutral terminal with removable jumper
8UD1151-3AF21	Door-coupling rotary operating mechanism, complete, labeling Test - 0 - I, gray
8UD1151-3AF25	Door-coupling rotary operating mechanism, complete, labeling Test - 0 - I, red/yellow
8UD1861-4AF01	Handles without extension shaft and coupling driver, labeling Test - 0 - I, gray
8UD1861-4AF05	Handles without extension shaft and coupling driver, labeling Test - 0 - I, red/yellow
8UD1861-4CF01	Handles, illuminated, without extension shaft and coupling driver, labeling Test - 0 - I, gray
8UD1861-4CF05	Handles, illuminated, without extension shaft and coupling driver, labeling Test - 0 - I, red/yellow
8UD1861-4AD01	Handles without extension shaft and coupling driver, labeling 0 - I, gray
8UD1861-4AD05	Handles without extension shaft and coupling driver, labeling 0 - I, red/yellow
8UD1861-4CD01	Handles, illuminated, without extension shaft and coupling driver, labeling 0 - I, gray
8UD1861-4CD05	Handles, illuminated, without extension shaft and coupling driver, labeling 0 - I, red/yellow
8UC6033	Extension shaft 300mm
8UC6083	Extension shaft 600mm
8UD1900-3GA00	Coupling driver with tolerance compensation
8UD1900-3HA00	Coupling driver without tolerance compensation
3KF9010-1AA00	Electronic fuse monitor
3KD9408-6	Phase barriers (6 units)
3KD9408-8	Phase barriers (8 units)

Detailed ratings such as "NEMA" for handling or "Contact rating" for auxiliary switches can be found in the specific CoCs of this MLFB.



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