

RATINGS:
150A MAXIMUM - SEE MAIN BREAKER RATING. BACK-FED BREAKER REQUIRES HOLD-DOWN KIT ECMBR2.
240/120 V ~, 3Ø 4W DELTA ; 208Y/120 V ~, 3Ø 4W ; 240 V ~, 3Ø 3W

WHEN USED ON A 240/120 V ~, 3 PHASE, 4 WIRE DELTA SYSTEM, THE CENTER BUS MUST BE CONNECTED TO THE PHASE HAVING THE HIGHEST VOLTAGE TO GROUND. ALL BREAKERS CONNECTED TO THIS BUS MUST BE RATED 240 V ~. WHEN USED ON A 240 V ~, 3 PHASE, 3 WIRE SYSTEM, ALL BREAKERS MUST BE RATED 240 V ~.

FOR INSTALLATION BY A QUALIFIED PERSON IN ACCORDANCE WITH ALL LOCAL ELECTRICAL CODES AND/OR THE NATIONAL ELECTRICAL CODE ®.

SUITABLE FOR USE AS SERVICE EQUIPMENT WHEN MAIN BREAKER IS INSTALLED WHEN USED AS SERVICE EQUIPMENT, APPLY "SERVICE DISCONNECT" LABEL TO FRONT NEXT TO MAIN BREAKER HANDLE.

WHEN USED AS SERVICE EQUIPMENT, UNUSED NEUTRAL BAR TERMINALS MAY BE USED TO TERMINATE EQUIPMENT GROUNDING WIRES IN THE COMBINATIONS INDICATED FOR EQUIPMENT GROUND BAR TERMINALS.

WHEN THE NEUTRAL TIE STRAP IS REMOVED, THE LEFT NEUTRAL BAR WILL BECOME THE EQPT. GROUND. INSTALL LUG KIT ECLKB1 ON MAIN LUG DEVICES. ON MAIN BREAKER DEVICES, MOVE GREEN BONDING SCREW TO LEFT BAR.

SUM OF QT BREAKER RATING IS NOT TO EXCEED 110 AMPS PER BRANCH CIRCUIT BUS STAB.

TO RESET BREAKERS WITH TRIPPED HANDLE POSITION BETWEEN "ON" AND "OFF", MOVE HANDLE TO "OFF" THEN TO "ON".

REMOVE TWISTOUTS FROM TRIM ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES.

THIS LOAD CENTER IS INVERTIBLE FOR BOTTOM FEED APPLICATIONS.

Siemens Industry, Inc. Norcross, Georgia U.S.A.	J2	40900434 0101 Rev.B
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IMPORTANT: DO NOT ALLOW PETROLEUM BASED (HYDROCARBON) SPRAYS, CHEMICALS, SOLVENTS OR ANY PAINT TO CONTACT INTERIOR COMPONENTS. PETROLEUM BASED CHEMICALS CAN CAUSE DEGRADATION OF ELECTRICAL INSULATING MATERIALS.

**DANGER**

Hazardous Voltage.
Will cause death, serious injury or substantial property damage.

Turn off power supplying this equipment before working inside.

**PELIGRO**

Voltaje peligroso. Causará la muerte, lesiones graves o daño substancial a la propiedad.

Desconecte el suministro de energía a este equipo antes de trabajar en su interior.

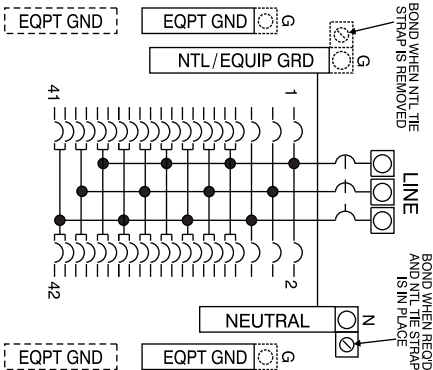
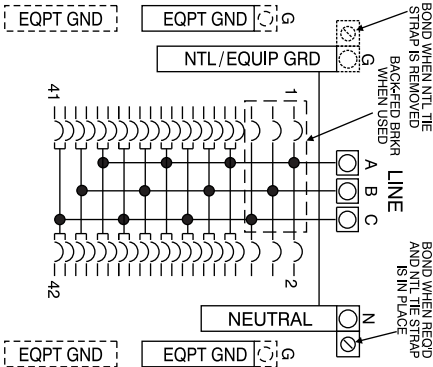
USE COPPER OR ALUMINUM 60°/75°C WIRE
SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

TERMINALS	WIRE	TORQUE
A, B, C, N	300 kcmil - 4 AWG	275 LB-INS
MAIN BREAKER	250 kcmil CU, 300 kcmil AL. Max.	See Breaker
G	2/0 - 6 AWG	110 LB-INS
NEUTRAL/GROUND BARS (USE TYPE EC3GB GROUND BAR KIT ACCESSORY)	10-14 CU/10-12 AL 8 AWG 6-4 AWG	20 LB-INS 25 LB-INS 35 LB-INS
GROUND CONDUCTORS ONLY	(2)or(3) 14 AWG (2) 12-10 AWG	20 LB-INS 20 LB-INS
ECLK1-2 NEUTRAL LUG KIT	2/0 - 4 AWG	45 LB-INS
ECLK2 NEUTRAL LUG KIT	2/0 - 4 AWG	135 LB-INS
ECLK3 NEUTRAL LUG KIT	300 kcmil - 1 AWG	340 LB-INS
MAIN LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-INS
BONDING SCREW		45 LB-INS

MAIN BREAKER KITS	
USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL.	
DESCRIPTION	CAT. NO.
MAIN BRKR KITS 10K AIC	MBK3150
22K AIC	MBK3150H
42K AIC	MBK3150HH
100K AIC	HMBK3150H

ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	EQCFL2
FILLER PLATE, 1"	EQCF3
BREAKER HOLD-DOWN	ECMBR2
MAIN BRKR FILLER PLATE	EC3PMFP1
BONDABLE GROUND LUG	ECLKB1
SUBFEED LUG KIT	ECLK2125 ECLK2225 ECLK3225
150-225A MAIN LUG KIT	ECMLK3225

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SHORT CIRCUIT CURRENT RATING THIS PANELBOARD HAS A MAXIMUM SHORT CIRCUIT CURRENT RATING OF 100,000 AMPS RMS SYMMETRICAL, 240V~. THE ACTUAL RATING IS DEPENDENT ON THE BRANCH BREAKERS INSTALLED IN THIS PANELBOARD AND THE MAIN/FEEDER BREAKER, IF ANY, INSTALLED AHEAD OF THIS PANELBOARD. IF NO MAIN/FEEDER BREAKER IS USED THE ACTUAL RATING IS EQUAL TO THE LOWEST INTERRUPTING RATING OF ANY INSTALLED BREAKER. THE CORRECT MAIN BREAKER/FEEDER/MAIN BREAKER/BRANCH BREAKER SERIES COMBINATIONS TO BE USED ARE LISTED IN THE TABULATION BELOW. ANY CIRCUIT BREAKER INSTALLED, REPLACED, OR ADDED IN THIS PANELBOARD MUST BE MANUFACTURED BY SIEMENS AND MUST BE OF THE CORRECT TYPE AS INDICATED IN THE TABULATION BELOW. USE OF OTHER CIRCUIT BREAKERS IN THIS EQUIPMENT WILL VOID THE WARRANTY.

MAIN BREAKER	FEEDER/MAIN BREAKER AND THE BREAKER PRO- TECTING THIS PANELBOARD, SEPARATE OR INTEGRAL, IS A SIEMENS TYPE	BRANCH BREAKER AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE	THEN THE MAX. SHORT CIRCUIT CURRENT RATING IN RMS SYMMETRICAL AMPS, 120/240V ~ IS
WHEN THE MAIN PROTECTING THE SYSTEM IS A SIEMENS TYPE			
NONE USED or FD6(-A), FXD6(-A), HFD6, HFXD6, JXD2(-A), JD6(-A), JXD6(-A), HJD6(-A), HJXD6(-A), LD6(-A), LXD6(-A), HLD6(-A), HLXD6(-A), MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PXD6, HPD6, HPXD6, RD6, RXD6, HRD6, HRXD6, or CLASS J, T, R or L FUSES	NONE USED or QP, QJ2, MP-T, MQ	QP, QPH, HQP, QT, QG, QAF, QAFH, QPF, QPHF, QE, QEH, QNR, QNRH MP-T, MP-HT, MP-MT, MH-T, MG, MP-AT, MP-HAT, MP-GT, MP-HGT, MP-ET, MP-HET, MD-TR, MD-HTR	10,000
	QPH	QP, QPH, HQP, QT, QAF, QAFH, QPF, QPHF, QE, QEH	
	MP-HT	MP-T, MP-HT, MP-MT, MH-T, MP-AT, MP-HAT, MP-GT, MP-HGT, MP-ET, MP-HET	22,000
	QJH2	QP*, QPH, HQP, QT**, QG, QAF, QAFH, QPF, QPHF, QE, QEH, QNRH	
	MQH, QJH2	MP-T*, MP-HT, MP-MT, MH-T, MP-AT, MP-HAT, MP-GT, MP-HGT, MP-ET, MP-HET, MD-HTR	
	QJ2H	QP*, QPH, HQP, QNR	42,000
	MQL, QJ2H	MP-T*, MP-MT, MD-MTR	
FD6(-A), FXD6(-A), HFD6, HFXD6	NONE USED or QJ2, QJH2, QJ2H	QP, QPH, HQP, QAF, QAFH, QPF, QPHF, QNR, QNRH	
	QJH2, QJ2H	QPH, HQP, QNR, QNRH	
CLASS J, T, R, or L FUSES	NONE USED	QPH, HQP, QNR, QNRH MP-MT, MD-TR, MD-HTR	
NONE USED	NONE USED	HQP, MP-MT	
FD6(-A), FXD6(-A), HFD6, HFXD6, JXD2(-A), JD6(-A), JXD6(-A), HJD6(-A), HJXD6(-A), LD6(-A), LXD6(-A), HLD6(-A), HLXD6(-A), MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PXD6, HPD6, HPXD6, RD6, RXD6, HRD6, HRXD6, or CLASS J, T, R or L FUSES	QPH, HQP	QP, QPH, HQP, QT, QAF, QAFH, QPF, QPHF, QE, QEH	65,000
NONE USED or JXD2(-A), JD6(-A), JXD6(-A), HJD6(-A), HJXD6(-A), LD6(-A), LXD6(-A), HLD6(-A), HLXD6(-A), MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PXD6, HPD6, HPXD6, RD6, RXD6, HRD6, HRXD6, or CLASS J, T, R or L FUSES	MP-MT	MP-T, MP-HT, MP-MT, MH-T, MP-AT, MP-HAT, MP-GT, MP-HGT, MP-ET, MP-HET	
ED4, ED6	NONE USED or QP, QPH, HQP	QP, QPH, HQP, QT, QAF, QAFH, QPF, QPHF, QE, QEH	
NONE USED	HQP		
NONE USED or HFD6, HFXD6, HJD6(-A), HJXD6(-A), HLD6(-A), HLXD6(-A), HMD6, HMXD6, HND6, HNXD6, HPD6, HPXD6, HRD6, HRXD6, or CLASS J, T, R or L FUSES	HQJ2H	QP***, QPH, HQP, QT, QAF, QAFH, QPF, QPHF, QE, QEH	100,000
HFD6, HFXD6	NONE USED or QP, QPH, HQP, QJ2, QJH2, QJ2H, HQJ2H	QP, QPH, HQP, QT, QAF, QAFH, QPF, QPHF, QE, QEH	

* 60-100 AMP ONLY FOR 3 POLE QP BREAKERS **15, 20 AND 40 AMP BREAKERS ONLY *** EXCEPT 30 AMP 2 POLE BREAKERS
± VOLTAGE RATING IS 240 V ~ WHEN USED ON A 3-PHASE 3-WIRE SYSTEM AND ALL BREAKERS ARE RATED 240 VOLTS ONLY