

Catalog Number **P3030B1150CU** Enclosure **Type 1**

RATINGS: 150A MAXIMUM - SEE MAIN BREAKER RATING IF USED.
BACK-FED BREAKER REQUIRES HOLD-DOWN KIT ECMBR2.
120/240 V~, 60 HZ, 1Ø 3W
208Y/120 V~, 60 HZ, 1Ø 3W

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.

IF THE NEUTRAL TIE STRAP IS REMOVED, LUG KIT ECLKB1 MUST BE INSTALLED AND BONDED. THE LEFT NEUTRAL BAR WILL BECOME THE EQUIPMENT GROUND.

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. USE TWO QF3 FILLER PLATES TO FILL 150-225A MAIN BREAKER OPENING.

THIS LOAD CENTER IS INVERTIBLE FOR BOTTOM FEED APPLICATIONS.

Siemens Industry, Inc. Norcross, Georgia U.S.A. **J2** 4090031910101 Rev.A

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.

SHORT CIRCUIT CURRENT RATING
THIS PANELBOARD HAS A MAXIMUM SHORT CIRCUIT CURRENT RATING OF 100,000 AMPS RMS SYMMETRICAL, 120/240V~. THE ACTUAL RATING IS DEPENDENT ON THE BRANCH BREAKERS INSTALLED IN THIS PANELBOARD AND THE MAIN/FEEDER BREAKER. IF ANY INSTALLED INSTEAD OF THIS PANELBOARD, THE CORRECT MAIN BREAKER/FEEDER/MAIN BREAKER/PANELBOARD 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	PANELBOARD MAIN†	BRANCH BREAKER	THEN THE MAX. SHORT CIRCUIT CURRENT RATING IN RMS SYMMETRICAL AMPS, 120/240 V~ IS
WHEN THE MAIN PROTECTING THE SYSTEM IS A	AND THE BREAKER PROTECTING THIS PANELBOARD IS A SIEMENS TYPE	AND THE INSTALLED MAIN BREAKER IN THIS PANELBOARD IS A SIEMENS TYPE	AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE	
NONE USED	QN, QNR	NONE USED, EQ8693 OR QP	QP QPH, HQP QPF QPHF, QFR QE, QEH, QAF, QAFH, QNR, QNRH, HQNR	10,000
NONE USED OR SIEMENS BREAKER TYPES FD6(-A), FXD6(-A), HFD6, HFXD6, JXD2(-A), JD6(-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	QPP, QJ2, QPM			
NONE USED	NONE USED OR QPMH	EQ8693 OR QPH	QP QPH, HQP QPF QPHF, QE, QEH, QAF, QAFH, QNR, QNRH, HQNR	22,000
NONE USED	QNH, QNRH	NONE USED OR EQ8693	OPH, QPHF, QEH, QAFH, QNRH	42,000
NONE USED OR SIEMENS BREAKER TYPES 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	QPPH, QJH2		QP QPH, HQP QPF QPHF, QE, QEH, QAF, QAFH, QNR, QNRH, HQNR	
NONE USED	NONE USED	NONE USED	QP QPH, HQP QPF QPHF, QE, QEH, QAF, QAFH, QNR, QNRH, HQNR	65,000
SIEMENS BREAKER TYPES 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	QN, QNH, HQN, QNR, QNRH, HQNR, HQPP	NONE USED, EQ8693 OR HQP		100,000
NONE USED	HQPP, HQN, HQNR		HQP, HQNR	
NONE USED OR SIEMENS BREAKER TYPES HFD6, HFXD6, HJXD6(-A), HJXD6(-A), HLD6(-A), HLD6(-A), HMD6, HMXD6, HND6, HNXD6, HPD6, HPXD6, HRD6, HRXD6, OR CLASS J, T, R OR L FUSES	NONE USED	NONE USED	HQP, HQNR	
	HQPPH	NONE USED OR EQ8693	QP QPH, HQP QPF QPHF, QE, QEH, QAF, QAFH	
	HQJ2H	NONE USED		

† THIS PANELBOARD IS A MAIN LUG DEVICE THAT MAY BE CONVERTED TO MAIN BREAKER WITH THE ADDITION OF FIELD INSTALLED MAIN BREAKER KIT OR A MAIN BREAKER DEVICE THAT MAY BE CONVERTED TO MAIN LUG WITH THE ADDITION OF MAIN LUGS. SEE ACCESSORY TABLE FOR CATALOG NUMBERS OF APPROPRIATE KITS.

USE COPPER OR ALUMINUM 60°/75°C WIRE

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

MAIN LUG / MAIN BREAKER KITS		ACCESSORIES	
USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL		DESCRIPTION	CAT. NO.
DESCRIPTION	CAT. NO.	DOOR LOCK	EQCFL2
150 AMP MAIN BREAKER	MBK150A	FILLER PLATE, 1"	QF3
150-225 AMP MAIN LUG	ECMLK225	BREAKER HOLD-DOWN	ECMBR2
		BONDABLE GROUND LUG	ECLKB1
		SUBFEED LUG KIT	ECLK2125
		STANDBY POWER INTERLOCK KIT	ECSBPK03

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TERMINALS	WIRE	TORQUE
A, B N	300 kcmil - 4 AWG 4/0-4 AWG CU; 300kcmil-4 AWG AL	275 LB-INS 275 LB-INS
G	2/0-4 AWG	110 LB-INS
MAIN BREAKER	1/0 AWG CU MAX; 3/0 AWG AL MAX.	See Breaker
NEUTRAL/GROUND BARS (USE TYPE EC2GB or EC3GB GND 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	2/0-2 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

