

SIEMENS Outdoor Load Center

Catalog Number **PW4040B1200CU** Enclosure **Type 3R**
PW4040L1200CU

RATINGS:
 200A MAXIMUM - SEE MAIN BREAKER RATING IF USED.
 BACK-FED BREAKER REQUIRES HOLD-DOWN MEANS.
 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.

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

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.

Siemens Industry, Inc. Norcross, Georgia U.S.A. **J2** 40900398 0101 Rev.00

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	300 kcmil - 4 AWG	275 LB-INS
N	4/0 - 4 AWG CU 300kcmil-4 AWG AL	275 LB-INS
G	2/0-4 AWG	110 LB-INS
MAIN BREAKER	3/0 AWG CU 250 kcmil AL Max.	See Breaker
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	2/0-2 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

ACCESSORIES	
DESCRIPTION	CAT. NO.
FILLER PLATE, 1"	QF3
QP BREAKER HOLD-DOWN	ECMBR2
QNR LINE TERMINAL BARRIER	ECLTB3
BONDABLE GROUND LUG	ECLKB1
SUBFEED LUG KITS: ECLK2125, ECLK2150, ECLK2225	
STANDBY POWER INTERLOCK KITS: ECSPBK01, ECSPBK02, ECSPBK03, ECSPBK05, ECSPBK06, ECSPBK07	

MAIN LUG / MAIN BREAKER KITS	
USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL	
DESCRIPTION	CAT. NO.
150 AMP MAIN BREAKER	MBK150A
200 AMP MAIN BREAKER	MBK200A
150-225 AMP MAIN LUG	ECMLK225

CONDUIT HUBS	
TRADE SIZE	CAT. NO.
1 INCH	ECHS100
1-1/4 INCH	ECHS125
1-1/2 INCH	ECHS150
2 INCH	ECHS200
2-1/2 INCH	ECHS250

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 AHEAD OF THIS PANELBOARD. 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 MAY VOID THE WARRANTY.

MAIN BREAKER	MAIN/FEEDER BREAKER	PANELBOARD MAIN	BRANCH BREAKER	RATING AMPS
NONE USED	NONE USED	NONE USED or QP QNR	QP, QG, QAF, QAF2, QPF, QE, QNR	10,000
	NONE USED	NONE USED	QPH, QAFH, QAF2H, QPHF, QEH, QNRH	22,000
	NONE USED	EQ8693, EQ8695, QPH, QNRH	QP, QAF, QAF2, QPF, QE, QNR	
	QPH, BLH, QSH, QNH, QPPH, QJH2	NONE USED or QP QNR	QP QPH, QAF, QAFH, QAF2, QAF2H, QPF, QPHF, QE, QEH, QNR, QNRH	42,000
	QSHH	NONE USED or EQ8693, EQ8695, QP, QPH, QNR, QNRH	QHP, HQAF2, HQNR	65,000
NONE USED	NONE USED or HQP, HQNR	QP, QPH, QAF, QAFH, QAF2, QAF2H, QPF, QPHF, QE, QEH, QNR, QNRH		
Siemens Breaker Types NDGA, NFGA	QPH, BLH	NONE USED or EQ8693, EQ8695, QP, QPH, HQP, QNR, QNRH, HQNR	QP, QPH, QAF, QAFH, QAF2, QAF2H, QPF, QPHF, QE, QEH, QNR, QNRH	65,000
Siemens Breaker Types JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, NXD6, NJJA, NJGA, NLGA, NLGB, NMG, NNG, NPG, PD6, PXD6, RD6, RXD6	QPH, BLH, QS, QN			
Siemens Breaker Types FD6, FXD6	NONE USED or QP, BL, QS, QN, QJ2	QPH, HQP, QNR, QNRH, HQNR	QP, QPH, HQP, QAF, QAFH, QAF2, QAF2H, HQAF2, QPF, QPHF, QE, QEH	100,000
Siemens Breaker Types ND6, NXD6, or Class J, T, R, or L Fuses	QPH, BLH, QN			
Siemens Breaker Types JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, NXD6, PD6, PXD6, RD6, RXD6, NDGA, NFGA, NJJA, NJGA, NLGA, NLGB, NMG, NNG, NPG	NONE USED	HQS, HPPH, HQJ2H, HED4, HED6, NGB	QP, QPH, HQP, QAF, QAFH, QAF2, QAF2H, HQAF2, QPF, QPHF, QE, QEH	100,000
Siemens Breaker Types JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A)	QJH2			
NONE USED	HQSH, HPPH, HQJ2H, HED4, HED6, NGB	NONE USED or EQ8693, EQ8695, QP, QPH, HQP	QP, QPH, HQP, QAF, QAFH, QAF2, QAF2H, HQAF2, QPF, QPHF, QE, QEH	100,000
Siemens Breaker Types HFD6, HFXD6, HFGA, HJD6(-A), HJXD6(-A), HJGA, HLD6(-A), HLLD6(-A), HLLGA, HLLGB, HMD6, HMXD6, HMG, HND6, HNXD6, HNG, HPD6, HPPD6, HPG, HRD6, HRXD6, or Class J, T, R, or L Fuses	ED4, ED6, QS			
Siemens Breaker Types HFD6, HFXD6, or 300V Class T Fuses - 200A Max	NONE USED or QP, BL	NONE USED or QPH, BLH	QPH, HQP	100,000
Siemens Breaker Types HDGA, HFGA, or 300V Class T Fuses - 600A Max	NONE USED or QPH, BLH			

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