

SIEMENS

Catalog Number
PNW1224B1100C

Outdoor Load Center

Plug-On Neutral Ready

Enclosure
Type 3R

RATINGS:
100A MAXIMUM - SEE MAIN BREAKER RATING IF USED.
BACK-FED MAIN BREAKER REQUIRES HOLD-DOWN MEANS AND LINE TERMINAL BARRIER. SEE ACCESSORY CHART FOR REQUIRED KIT(S).
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.

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 ONE ECMBF125 FILLER PLATE TO FILL 100-125A MAIN BREAKER OPENING.

Siemens Industry, Inc. Norcross, Georgia U.S.A.

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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
substantial 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, G, N1	2/0 - 4 AWG	110 LB-INS
MAIN BREAKER - LINE	See Breaker	
NEUTRAL/GROUND BARS (USE TYPE EC1GB or EC2GB 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
N2 ECLK2N NEUTRAL LUG	2/0 - 4 AWG	110 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
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
BREAKER HOLD-DOWN/BARRIER	ECMBR2
MAIN BREAKER FILLER PLATE	ECMBF125
SUBFEED LUG KIT	ECLK2125
STANDBY PWR INTERLOCK KITS: ECSBPk01, ECSBPk02, ECSBPk11	

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

MAIN LUG / MAIN BREAKER KITS	
USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL	
DESCRIPTION	CAT. NO.
100 AMP MAIN BREAKER	MBK100A
100-125 AMP MAIN LUG	ECMLK125

Assembled in Mexico
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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 (SIEMENS TYPE)	MAIN/FEEDER BREAKER	PANELBOARD MAIN	BRANCH BREAKER	RATING AMPS
NONE USED	NONE USED	NONE USED or QP	QP QG, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QFGA2, QFGA2N, QPF, QPF2, QPF2N, QE, QE2	10,000
	NONE USED	NONE USED	QPH*, QAFH, QAFH2, QFGAH2, QPHF, QPHF2, QEH, QEH2	22,000
	NONE USED	EQ8681, QPH*	QP, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QFGA2, QFGA2N, QPF, QPF2, QPF2N, QE, QE2	
	QPH, BLH, QSH	NONE USED or EQ8681, QP, QPH*	QP, QPH*, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QFGA2, QFGA2N, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, QEH2	
	QSHH	NONE USED or EQ8681, QP, QPH*	HQP*, HQAF2, HQFGA2, HQPF2	42,000
	NONE USED	NONE USED HQP*		
NDGA, NFGA JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, SND6-B, NXD6, NJJA, NJGA, NLGB, NMG, NNG, NPG, PD6, SPD6-B, PXD6, RD6, RXD6 FD6, FXD6 ND6, SND6-B, NXD6, Class J, T, R, or L Fuses JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, SND6-B, NXD6, PD6, SPD6-B, PXD6, RD6, RXD6, NDGA, NFGA, NJJA, NJGA, NLGB, NMG, NNG, NPG NONE USED HFD6, HFXD6, HFGA, HJD6(-A), HJXD6(-A), HJGA, HLD6(-A), HLXD6(-A), HLGB, HMD6, HMXD6, HMG, HND6, SHND6-B, HNXD6, HNG, HPD6, SHPD6-B, HFXD6, HPG, HRD6, HRXD6, or Class J, T, R, or L Fuses HFD6, HFXD6, or 300V Class T Fuses – 200A Max HDGA, HFGA, or 300V Class T Fuses – 600A Max	ED4, ED6, HQP, HBL, HQS QPH, BLH	NONE USED or EQ8681, QP, QPH*, HQP*	QP, QPH*, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, QEH2	65,000
	QPH, BLH, QS			
	NONE USED or QP, BL, QS			
	NONE USED	QPH*, HQP*		100,000
	HQSH, HQPH, HED4, HED6, NGB	NONE USED or EQ8681, QP, QPH*, HQP*	QP, QPH*, HQP*, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, HQAF2, QFGA2, QFGA2N, QFGAH2, HQFGA2, QPF, QPF2, QPF2N, QPHF, QPHF2, HQPF2, QE, QE2, QEH2	
	ED4, ED6, QS		QPH*, HQP*	

*Type QPH and HQP breakers installed in this panel are limited to 100 amps max. when installed on a circuit capable of delivering fault current greater than 10,000 amps.

