

SIEMENS

Outdoor Load Center

Catalog Number

SNW3048L1125

Plug-On Neutral Ready

Enclosure Type 3R

RATINGS:
125A MAXIMUM
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.

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.

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

J2

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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, G, N1	2/0 - 4 AWG	110 LB-INS
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
N2 ECLK2N NEUTRAL LUG ECLK1-2 NEUTRAL LUG KIT	2/0 - 4 AWG	110 LB-INS
ECLK2 NEUTRAL LUG KIT	2/0 - 4 AWG	45 LB-INS 135 LB-INS
MAIN LUG 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
SUBFEED LUG KIT	ECLK2125
100-125 AMP MAIN LUG KIT	ECMLK125
STANDBY PWR INTERLOCK KIT	ECSBPk01 ECSBPk02

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 (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	EQ9677, QPH*	QP QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QFGA2, QFGA2N, QPF, QPF2, QPF2N, QE, QE2		
	QPH, BLH, QSH	NONE USED or QP, QPH*			
	QSHH	NONE USED or QP, QPH*	QP, QPH*, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, QEH2	42,000	
	NONE USED	NONE USED or QP, QPH*	HQP*, HQAF2, HQFGA2, HQPF2	65,000	
NDGA, NFGA	ED4, ED6, HQP, HBL, HQS	HQP*	QP, QPH*, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, QEH2		
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	QPH, BLH, QS	NONE USED or QP, QPH*, HQP*			
FD6, FXD6	NONE USED or QP, BL, QS				
ND6, SND6-B, NXD6, Class J, T, R, or L Fuses	QPH, BLH		QP, QPH*, HQP*, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, QEH2	100,000	
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	QPH*, HQP*			
NONE USED	HQSH, HQPH, HED4, HED6, NGB				
HFD6, HFXD6, HFGA, HJD6(-A), HJXD6(-A), HJGA, HLD6(-A), HLLXD6(-A), HLLGB, HMD6, HMXD6, HMG, HND6, SHND6-B, HNXD6, HNG, HPD6, SHPD6-B, HPXD6, HPG, HRD6, HRPXD6, or Class J, T, R, or L Fuses	ED4, ED6, QS	NONE USED or 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		
HFD6, HFXD6, or 300V Class T Fuses – 200A Max	NONE USED or QP, BL				
HDGA, HFGA, or 300V Class T Fuses – 600A Max	NONE USED or QPH, BLH	NONE USED or QPH*, HQP*	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.

EQPT GND

ECNBX6, ECNBX10, ECNBX15

NEUTRAL

LINE

1

2

3

EQPT GND

- 1 NEUTRAL BUS FOR PLUG-ON NEUTRAL CIRCUIT BREAKERS
- 2 BOND WHEN REQ'D
- 3 BACK-FED BRKR WHEN USED

Assembled in Mexico
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