

SIEMENS

Outdoor Load Center

Catalog Number

Plug-On Neutral Ready

Enclosure

SNW2040L1150

Type 3R

RATINGS:  
150A 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.

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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, N1                                                                  | 300 kcmil - 4 AWG                     | 250 LB-INS                          |
| G                                                                         | 2/0 - 4 AWG                           | 110 LB-INS                          |
| NEUTRAL/GROUND BARS<br>(USE TYPE EC2GB or EC3GB<br>GND BAR KIT ACCESSORY) | 10-14 CU/10-12 AL<br>8 AWG<br>6-4 AWG | 20 LB-INS<br>25 LB-INS<br>35 LB-INS |
| GROUND CONDUCTORS ONLY                                                    | (2)or(3) 14 AWG<br>(2) 12-10 AWG      | 20 LB-INS<br>20 LB-INS              |
| N2                                                                        | ECLK2N NEUTRAL LUG                    | 2/0 - 4 AWG<br>110 LB-INS           |
|                                                                           | ECLK3N NEUTRAL LUG                    | 300 kcmil - 4 AWG<br>250 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                     | 250 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                  |
| QP HOLD-DOWN/BARRIER                                                         | ECMBR2               |
| QNR LINE TERMINAL BARRIER                                                    | ECLTB3               |
| SUBFEED LUG KIT                                                              | ECLK2125<br>ECLK2225 |
| 150-225 AMP MAIN LUG                                                         | ECMLK225             |
| STANDBY PWR INTERLOCK KITS:<br>ECSBP1K01, ECSBP1K02, ECSBP1K05,<br>ECSBP1K07 |                      |

| 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, QNR                             | QP, QG, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QFGA2, QFGA2N, QPF, QPF2, QPF2N, QE, QE2, QNR                                                                | 10,000      |
|                                                                                                                                                                                            | NONE USED                            | NONE USED                                        | QPH*, QAFH, QAFH2, QFGAH2, QPHF, QPHF2, QEH, QEH2, QNRH                                                                                                     | 22,000      |
|                                                                                                                                                                                            | NONE USED                            | EQ9677, QPH*, QNRH                               | QP, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QFGA2, QFGA2N, QPF, QPF2, QPF2N, QE, QE2, QNR                                                                    |             |
|                                                                                                                                                                                            | QPH, BLH, QSH, QNH, QPPH, QJH2, QRH2 | NONE USED or QP, QNR                             |                                                                                                                                                             |             |
|                                                                                                                                                                                            | QSHH                                 | NONE USED or QP, QPH*, QNR, QNRH                 | QP, QPH*, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, QEH2, QNR, QNRH           | 42,000      |
|                                                                                                                                                                                            | NONE USED                            | NONE USED                                        | HQP*, HQAF2, HQFGA2, HQPF2, HQNR                                                                                                                            | 65,000      |
| ED4, ED6, HQP, HBL, HQS, HQN, HQPP, HQR2                                                                                                                                                   |                                      | HQP*, HQNR                                       |                                                                                                                                                             |             |
| NDGA, NFGA                                                                                                                                                                                 |                                      | NONE USED or QP, QPH*, HQP*, QNR, QNRH, HQNR     | QP, QPH*, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, QEH2, QNR, QNRH           |             |
| 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, QN, QR2                            |                                                                                                                                                             |             |
| FD6, FXD6                                                                                                                                                                                  |                                      | NONE USED or QP, BL, QS, QN, QJ2, QR2            |                                                                                                                                                             |             |
| ND6, NXD6, or Class J, T, R, or L Fuses                                                                                                                                                    |                                      | QPH, BLH, QN                                     |                                                                                                                                                             |             |
| 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*, QNR, QNRH, HQNR                                                                                                                                 | 100,000     |
| 150-225 AMP MAIN LUG                                                                                                                                                                       |                                      | QJH2                                             |                                                                                                                                                             |             |
| NONE USED                                                                                                                                                                                  |                                      | HQSH, HQPH, HQPPH, HQJ2H, HQR2H, HED4, HED6, NGB |                                                                                                                                                             |             |
| HFD6, HFXD6, HFGA, HJD6(-A), HJXD6(-A), HJGA, HLD6(-A), HLXD6(-A), HLGB, HMD6, HMXD6, HMG, HND6, SHND6-B, HNXD6, HNG, HPD6, SHPD6-B, HPXD6, HPG, HRD6, HRXD6, or Class J, T, R, or L Fuses |                                      | ED4, ED6, QS, QR2                                | QP, QPH*, HQP*, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, HQAF2, QFGA2, QFGA2N, QFGAH2, HQFGA2, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, 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                            | 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.

- 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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