

SIEMENS

Catalog Number  
**SN3048B1150**

Indoor Load Center

Enclosure  
**Type 1**

Plug-On Neutral Ready

RATINGS:  
150A MAXIMUM  
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.

THIS LOAD CENTER IS INVERTIBLE FOR BOTTOM FEED APPLICATIONS.

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.

**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 or QSH, QNH, QPPH, QJH2, QRH2 | EQ8693          | QP QT, QTA, OTAN, QAF, QAFN, QAF2, QAF2N, QFGA2, QFGA2N, QPF, QPF2, QPF2N, QE, QE2, QNR                                                                                 | 22,000      |
|                                                                                                                                                                                            | QSHH                                    | EQ8693          | QP, QPH*, QT, QTA, OTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, QEH2, QNR, QNRH                       | 42,000      |
|                                                                                                                                                                                            | HQS, HQN, HQPP, HQR2                    | EQ8693          | QP, QPH*, QT, QTA, OTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPHF, QPHF2, QE, QE2, QEH, QEH2, QNR, QNRH                       | 65,000      |
| 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                                                | QS, QN, QR2                             |                 |                                                                                                                                                                         |             |
| FD6, FXD6                                                                                                                                                                                  | NONE USED or QS, QN, QJ2, QR2           |                 |                                                                                                                                                                         |             |
| ND6, NXD6, or Class J, T, R, or L Fuses                                                                                                                                                    | QSH, QPPH, QJ2H, HQR2H                  | EQ8693          | QP, QPH*, HQP*, QT, QTA, OTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, HOAF2, QFGA2, QFGA2N, QFGAH2, HQFGA2, QPF, QPF2, QPF2N, QPHF, QPHF2, HQPF2, QEH, QE, QE2, QEH, QEH2 | 100,000     |
| NONE USED                                                                                                                                                                                  | QSH, QPPH, QJ2H, HQR2H                  |                 |                                                                                                                                                                         |             |
| HFD6, HFXD6, HFGA, HJD6(-A), HJXD6(-A), HJGA, HLD6(-A), HLDX6(-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 | QS, QR2                                 |                 |                                                                                                                                                                         |             |
| HFD6, HFXD6, or 300V Class T Fuses – 200A Max                                                                                                                                              | NONE USED                               |                 |                                                                                                                                                                         |             |

\*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.

USE COPPER OR ALUMINUM 60°/75°C WIRE  
SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS

| TERMINALS                                                                 | WIRE                                      | TORQUE                              |
|---------------------------------------------------------------------------|-------------------------------------------|-------------------------------------|
| N1                                                                        | 250kcmil - 4AWG CU;<br>300kcmil - 4AWG AL | 250 LB-INS                          |
| G                                                                         | 2/0 - 4 AWG                               | 110 LB-INS                          |
| MAIN BREAKER - LINE                                                       | 3/0 AWG CU;<br>250 kcmil AL Max.          | See Breaker                         |
| 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                                                                        | 2/0 - 4 AWG                               | 110 LB-INS                          |
| ECLK2N NEUTRAL LUG                                                        | 250kcmil - 4AWG CU;<br>300kcmil - 4AWG AL | 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 BREAKER TO BUS CONNECTION (1/4-20 NUT)                               |                                           | 45 LB-INS                           |
| BONDING SCREW                                                             |                                           | 45 LB-INS                           |

| ACCESSORIES               |                      |
|---------------------------|----------------------|
| DESCRIPTION               | CAT. NO.             |
| DOOR LOCK                 | ECQFL2               |
| FILLER PLATE, 1"          | QF3                  |
| SUBFEED LUG KIT           | ECLK2125<br>ECLK2225 |
| STANDBY PWR INTERLOCK KIT | ECSBPK10             |

| MAIN BREAKER KIT     |          |
|----------------------|----------|
| DESCRIPTION          | CAT. NO. |
| 150 AMP MAIN BREAKER | MBK150A  |

Assembled in Mexico  
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1 NEUTRAL BUS FOR PLUG-ON NEUTRAL CIRCUIT BREAKERS  
2 BOND WHEN REQ'D