

# SIEMENS

## Indoor Load Center

Catalog Number  
**G2020B1100SP**

Enclosure  
**Type 1**

RATINGS: 100A MAXIMUM - SEE MAIN BREAKER RATING.  
BACK-FED BREAKER REQUIRES HOLD-DOWN KIT ECMBR2.  
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.

THIS LOAD CENTER IS INVERTIBLE FOR BOTTOM FEED APPLICATIONS.

Siemens Industry, Inc. Building Technologies Division Norcross, Georgia U.S.A. **J2** 40900216 0101 Rev.A

**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.

### 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/PANELBOARD 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 WILL VOID THE WARRANTY.

MAIN BREAKER WHEN THE MAIN PROTECTING THE SYSTEM IS A	FEEDER/MAIN BREAKER AND THE BREAKER PROTECTING THIS PANELBOARD IS A SIEMENS TYPE	PANELBOARD MAIN‡ AND THE INSTALLED MAIN BREAKER IN THIS PANELBOARD IS A SIEMENS TYPE	BRANCH BREAKER AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE	THEN THE MAX. SHORT CIRCUIT CURRENT RATING IN RMS SYMMETRICAL AMPS, 120/240 V~ IS
NONE USED OR SIEMENS BREAKER TYPES JXD2(-A), JD6(-A), JXD6(-A), HJD6(-A), HJD6(-A), HJXD6(-A), LD6(-A), LXD6(-A), HLD6(-A), HLD6(-A), MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PXD6, HPD6, HXPX6, RD6, RXD6, HRD6, HRXD6, OR CLASS J, T, R OR L FUSES	QP, BQ, BL	NONE USED OR QP	QP, QG, QPH, HQP, QPF, QPHF, QFQ, QE, QEH, QAF, QAFH	10,000
NONE USED	QPH, BQH, BLH	NONE USED	QP, QPH, HQP, QPF, QPHF, QE, QEH, QAF, QAFH	22,000
NONE USED	NONE USED	QPH, QEH, QPHF, QAFH		
NONE USED	NONE USED	NONE USED		
SIEMENS BREAKER TYPES JXD2(-A), JD6(-A), JXD6(-A), HJD6(-A), HJXD6(-A), LD6(-A), LXD6(-A), HLD6(-A), HLD6(-A), MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PXD6, HPD6, HXPX6, RD6, RXD6, HRD6, HRXD6, OR CLASS J, T, R OR L FUSES	QPH, BQH, BLH, HQP, HBQ, HBL	NONE USED OR QP, QP, QPH, BQH, BLH, HQP, HBQ, HBL	QP, QPH, HQP, QPF, QPHF, QE, QEH, QAF, QAFH	65,000
SIEMENS BREAKER TYPE ED4, ED6	NONE USED OR QP, BQ, BL, QPH, BQH, BLH, HQP, HBQ, HBL	HQP, HBQ, HBL	HQP	100,000
NONE USED	NONE USED	NONE USED	HQP	
SIEMENS BREAKER TYPES HED4, HED6, HFD6, HFXD6	NONE USED OR QP, BQ, BL, QPH, BQH, BLH, HQP, HBQ, HBL	NONE USED	QP, QPH, HQP, QPF, QPHF, QE, QEH, QAF, QAFH	
300V T FUSES - 200A MAX	QPH, BQH, BLH, HQP, HBQ, HBL	NONE USED		
300V T FUSES - 600A MAX	QPH, BQH, BLH, HQP, HBQ, HBL			

‡ THIS PANELBOARD IS A MAIN BREAKER DEVICE THAT MAY BE CONVERTED TO MAIN LUG WITH THE ADDITION OF FIELD INSTALLED MAIN LUG KIT. SEE ACCESSORY TABLE FOR CATALOG NUMBER OF APPROPRIATE KIT.

ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	QF3
BREAKER HOLD-DOWN	ECMBR2
SUBFEED LUG KIT	ECLK2125
MAIN LUG KIT	ECMLK125
STANDBY POWER INTERLOCK KIT	ECSBPK02

Assembled in Mexico  
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### USE COPPER OR ALUMINUM 60°/75°C WIRE

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

TERMINALS	WIRE	TORQUE
A, B, N	2/0-4 AWG	110 LB-INS
NEUTRAL/GROUND BARS (USE TYPE ECGB 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
MAIN LUG TO BUS CONNECTION (1/4-20 NUT)		45 LB-INS
BONDING SCREW		45 LB-INS

