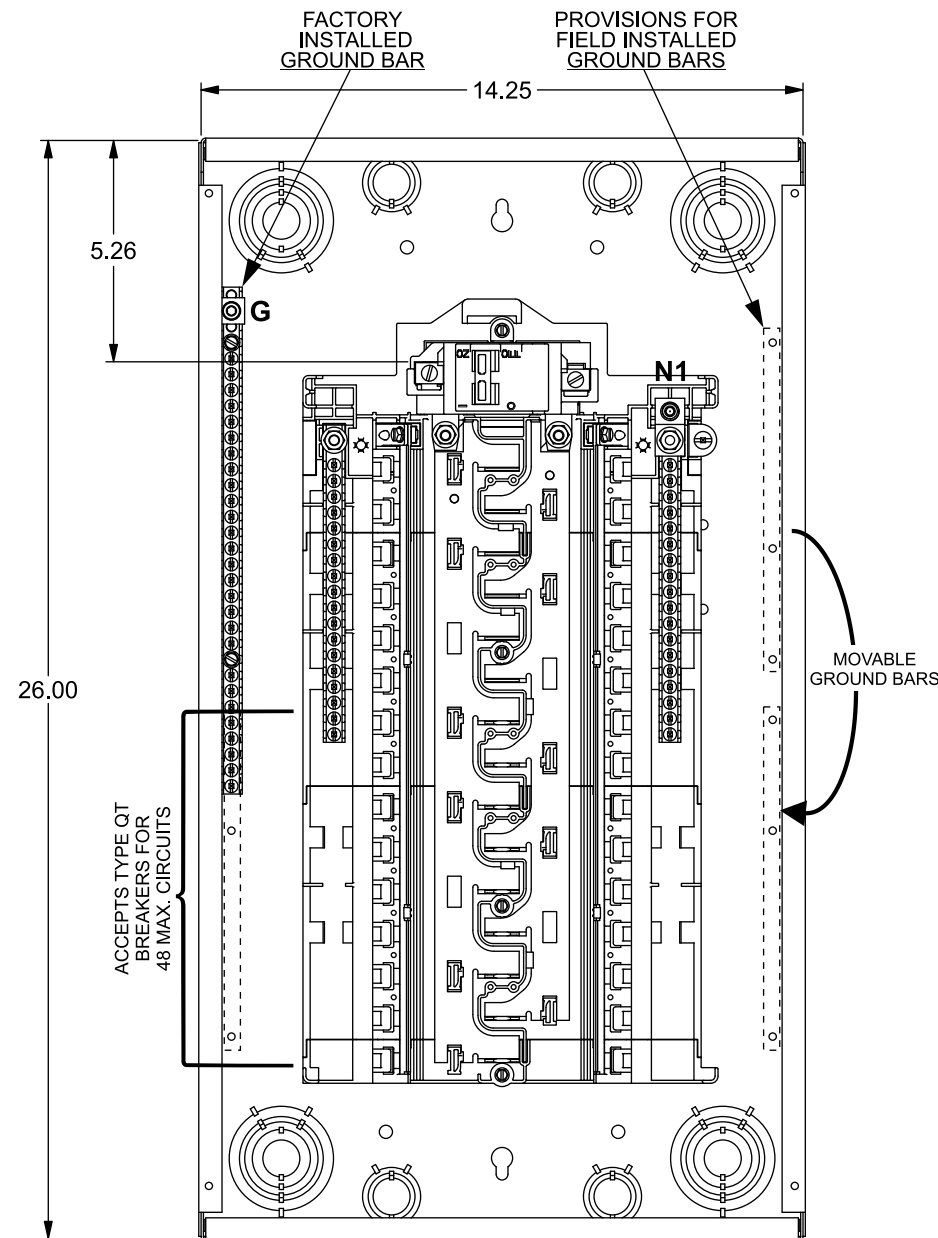
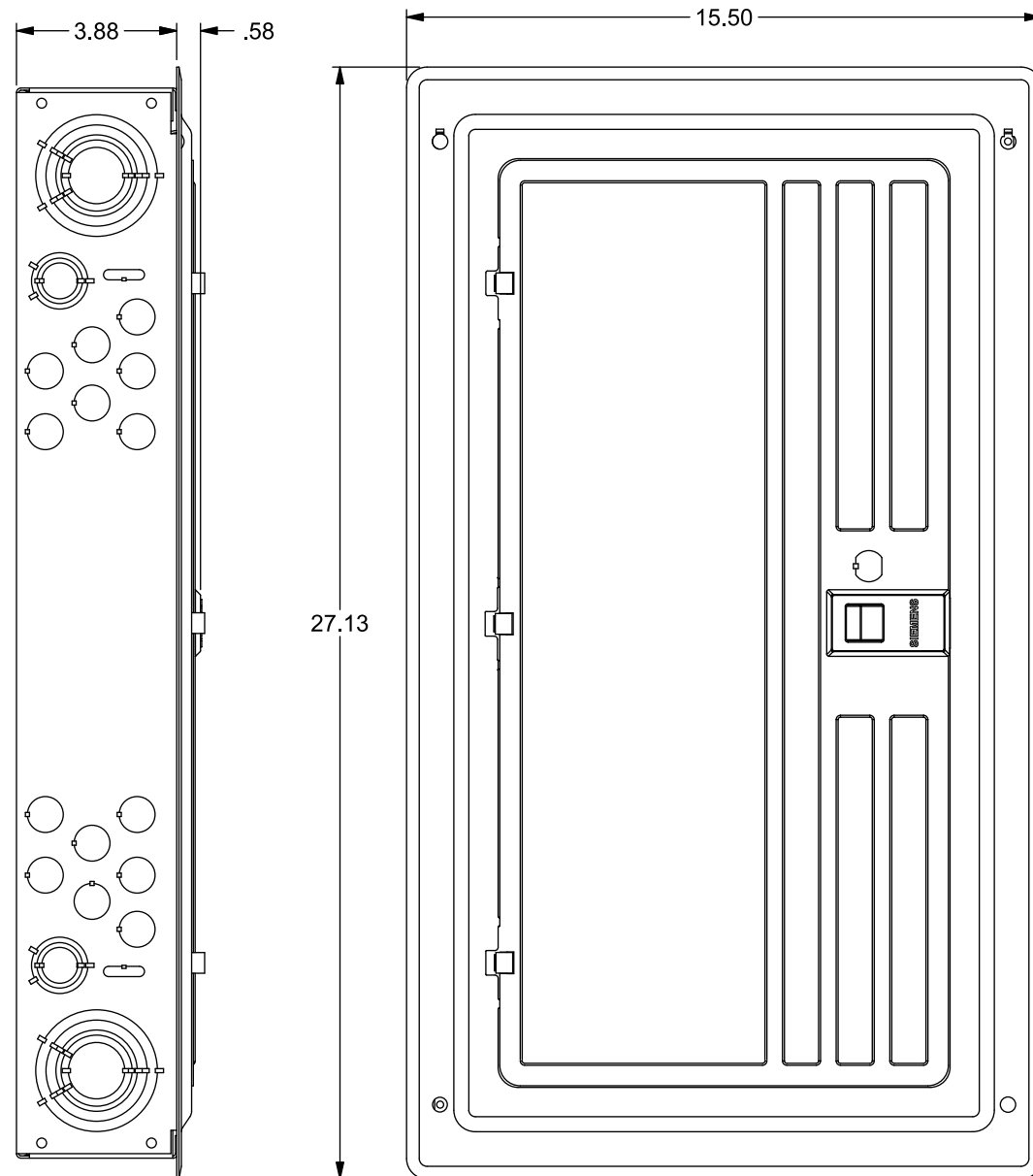


- 1 PHASE, 3 WIRE, 120/240V ~
- 100A, 22K AIC MAIN BREAKER FACTORY INSTALLED
(SEE WIRING DIAGRAM FOR DETAILS)
- MAIN BREAKER ONLY
- INVERTIBLE
- TYPE N1 INDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED ENCLOSURE
(SEE CHART FOR TRIM/DOOR COLOR)
- DESIGNED FOR USE WITH PLUG-ON NEUTRAL BREAKERS



Catalog Number	ENCLOSURE DIMS (Inside)			Amps Max	Number Spaces	Number Circuits	Bus Bar Material	Bus Bar Plating	Trim Color
	L	W	D						
SN3048B1100	26.00	14.25	3.88	100	30	48	Aluminum	Tin Plated	Gray
SN3048B1100W	26.00	14.25	3.88	100	30	48	Aluminum	Tin Plated	White



**VIEW SHOWN WITH
TRIM ASSEMBLY REMOVED**

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

TERMINALS	WIRE	TORQUE
G, N1	2/0 - 4 AWG	110 LB-IN
MAIN BREAKER - LINE	#1 2/0 AWG CU; 2/0 AWG AL MAX.	See Breaker
NEUTRAL/GROUND BARS (USE TYPE EC26B or EC33B GND BAR KIT ACCESSORY)	10-14 CU/10-12 AL 8 AWG 6.4 AWG	20 LB-IN 25 LB-IN 35 LB-IN
GROUND CONDUCTORS ONLY	(2)(3)(13) 14 AWG (2) 12-10 AWG	20 LB-IN 20 LB-IN
N2 ECL2K2N NEUTRAL LUG	2/0 - 4 AWG	110 LB-IN
EQLK1-2 NEUTRAL LUG KIT	2/0 - 4 AWG	45 LB-IN
ECLK2 NEUTRAL LUG KIT	2/0 - 4 AWG	135 LB-IN
MAIN BREAKER TO BUS CONNECTION (1/4-20 NUT)		45 LB-IN
BONDING SCREW		45 LB-IN

**REFER TO WIRING DIAGRAM FOR
CORRECT ACCESSORY USAGE**

MAIN BREAKER KITS	
DESCRIPTION	CAT. NO.
100 AMP MAIN BREAKER	MBK100A

ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	QF3
SUBFEED LUG KIT	ECLK2125
STANDBY PWR INTERLOCK KIT	ECSBP11
SURF. MOUNT SPACER KIT	ECSMK1
ARC FLASH LABEL	ECFAL

DESCRIPTION	CAT. NO.
TYPE EC2GB KIT, 12 SCREWS	EC2GB812
TYPE EC2GB KIT, 12 SCREWS, 2/0 LUG	EC2GB8122
TYPE EC2GB KIT, 15 SCREWS	EC2GB815
TYPE EC2GB KIT, 15 SCREWS, 2/0 LUG	EC2GB8152
TYPE EC3GB KIT, 21 SCREWS	EC3GB821
TYPE EC3GB KIT, 21 SCREWS, 2/0 LUG	EC3GB8212
TYPE EC3GB KIT, 27 SCREWS	EC3GB827
TYPE EC3GB KIT, 27 SCREWS, 2/0 LUG	EC3GB8272
TYPE EC3GB KIT, 30 SCREWS	EC3GB830
TYPE EC3GB KIT, 30 SCREWS, 2/0 LUG	EC3GB8302
TYPE EC3GBR KIT, 35 SCREWS, 2/0 LUG	EC3GBR352

TRIM TABS

Technical Drawing of a Control Panel

Front View Dimensions:

- Top Section: 1.14, 2.18, .57, .41, .16, 1.23, 1.45, 2.95, 1.94, .94, .80, 2.33, 2.59, 5.85, 1.57, 4.69, 2.61, 5.23, 2.25, 1.60, 1.96, 1.06, 2.13, 2.14, 4.71, 5.59, .68, 1.32, 1.15, 2.75.
- Left Section: 1.00, 4.38, .25.
- Right Section: 1.96, 3.00, 1.06, 2.14, 4.71, 5.59, .68, 1.32, 1.15.

Side View Dimensions:

- Left Section: 1.00, 4.38, .25.
- Right Section: 1.96, 3.00, 1.06, 2.14, 4.71, 5.59, .68, 1.32, 1.15.

Back View Dimensions:

- Top Section: 1.14, 2.18, .57, .41, .16, 1.23, 1.45, 2.95, 1.94, .94, .80, 2.33, 2.59, 5.85, 1.57, 4.69, 2.61, 5.23, 2.25, 1.60, 1.96, 1.06, 2.13, 2.14, 4.71, 5.59, .68, 1.32, 1.15, 2.75.

Callouts and Component Lists:

- 1, 1-1/4, 1-1/2, 2, 2-1/2" KOs (4x)
- 1/2, 3/4, 1" KOs (10x)
- 1/2, 1, 1-1/4, 1-1/2, 2" KOs (4x)
- .44Ø, 1/2, 3/4, 1, 1-1/4" KO
- 1-1/2" KOs (52x)
- 1, 1-1/4, 1-1/2, 2, 2-1/2"
- .44Ø, 1/2, 3/4" KOs (8x)
- BACK OF BOX

© 2020 Copyright Siemens Industry, Inc.

SIEMENS
Siemens Industry, Inc.

Load Center

Description: **SN Series, 1 Phase, Indoor,
100A, 30 Pos, 48 Ckt, Main Breaker**

KAM 3/16/20	DO NOT SCALE DRAWING	Dwg No. SN3048B1100-W
-------------	----------------------	------------------------------