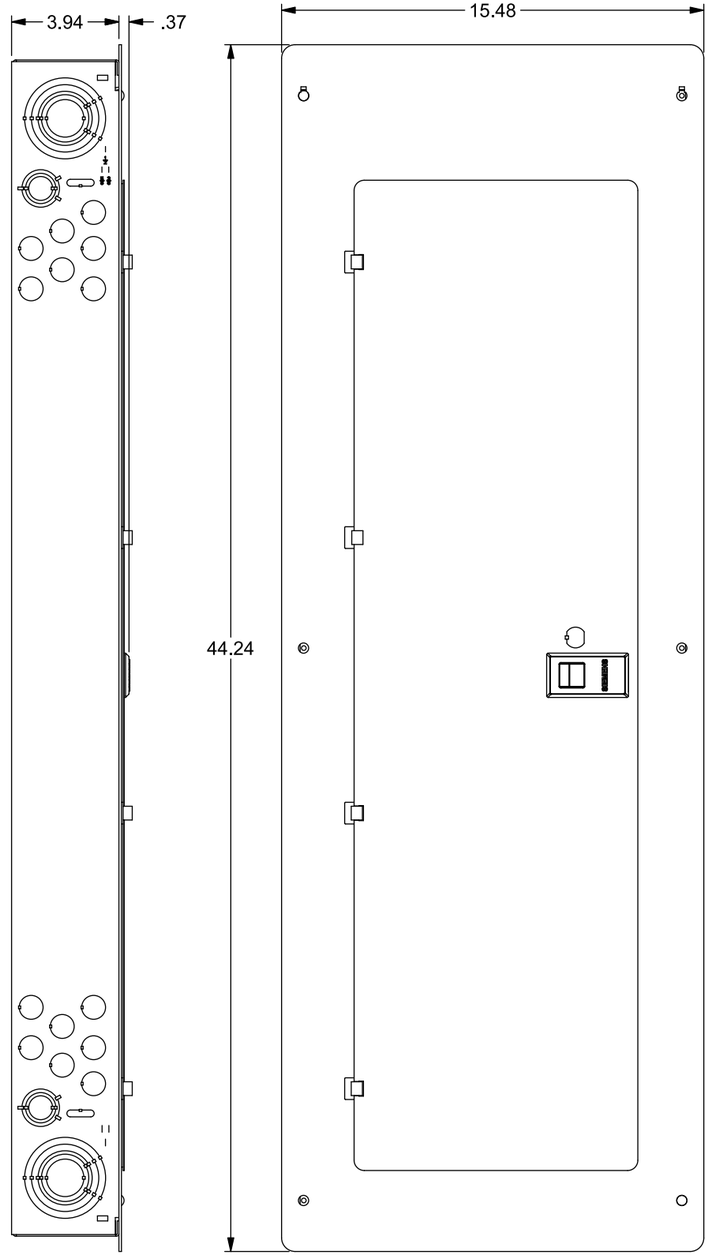
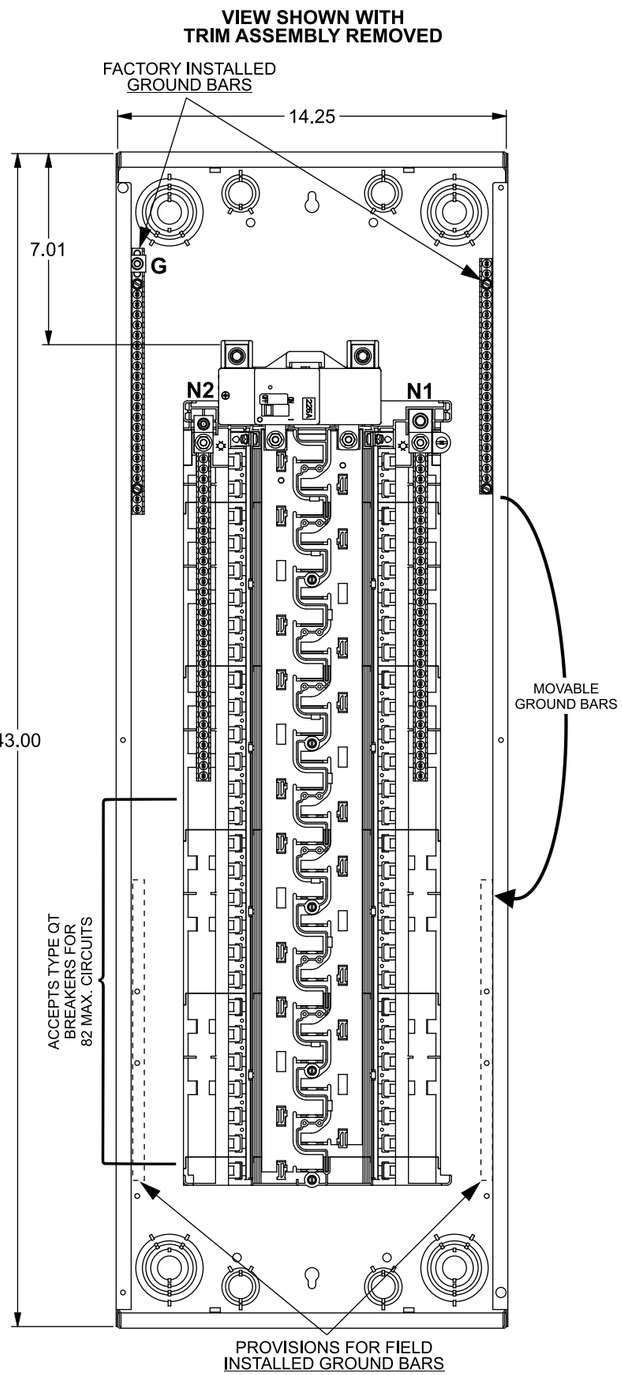
Catalog Numbers, Features and Ratings

- 1 PHASE, 3 WIRE, 120/240V ~
- 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) L	W	D	Amps Max	Number Spaces	Number Circuits	Bus Bar Material	Bus Bar Plating	Trim Color
SN5482B1225	43.00	14.25	3.88	225	54	82	Aluminum	Tin Plated	Gray
SN5482B1225W	43.00	14.25	3.88	225	54	82	Aluminum	Tin Plated	White





TERMINAL WIRE SIZES AND TORQUES

USE COPPER OR ALUMINUM 60°/75°C WIRE

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS

TERMINALS		WIRE	TORQUE
N1		300kcmil-4 AWG AL	250 LB-INS
G, N2		2/0 - 4 AWG	110 LB-INS
MAIN BREAKER - LINE		4/0 AWG CU; 300 kcmil AL Max.	See Breaker
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	2/0 - 4 AWG	110 LB-INS
	ECLK3N NEUTRAL LUG	300kcmil - 4 AWG	250 LB-INS
ECLK1-2 NEUTRAL LUG KIT ECLK2 NEUTRAL LUG KIT ECLK3 NEUTRAL LUG KIT		2/0 - 4 AWG 2/0 - 4 AWG 300 kcmil - 1 AWG	45 LB-INS 135 LB-INS 340 LB-INS
MAIN BREAKER TO BUS CONNECTION (1/4-20 NUT)			45 LB-INS
BONDING SCREW			45 LB-INS

ACCESSORIES

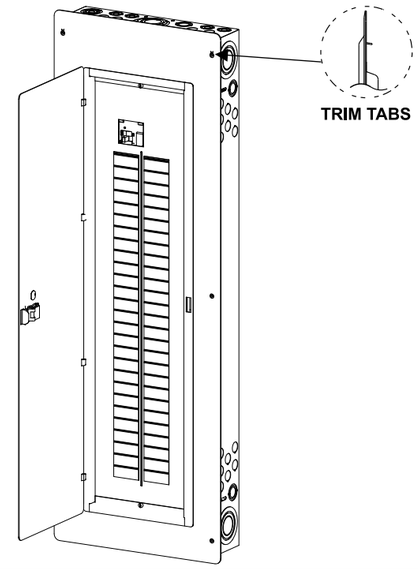
REFER TO WIRING DIAGRAM FOR CORRECT ACCESSORY USAGE

MAIN BREAKER KITS	
DESCRIPTION	CAT. NO.
150 AMP MAIN BREAKER	MBK150A
200 AMP MAIN BREAKER	MBK200A
225 AMP MAIN BREAKER	MBK225A

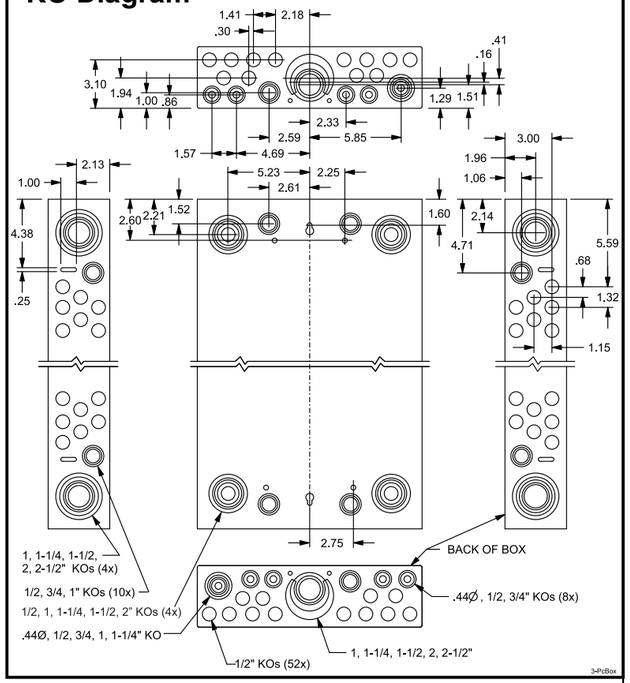
ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	QF3
SUBFEED LUG KIT	ECLK2125 ECLK2225
STANDBY PWR INTERLOCK KIT	ECSBPK10
SURF. MOUNT SPACER KIT	ECSMK1
ARC FLASH LABEL	ECAFL

GROUND BAR KITS	
DESCRIPTION	CAT. NO.
TYPE EC2GB KIT, 12 SCREWS	EC2GB12
TYPE EC2GB KIT, 12 SCREWS, 2/0 LUG	EC2GB122
TYPE EC2GB KIT, 15 SCREWS	EC2GB15
TYPE EC2GB KIT, 15 SCREWS, 2/0 LUG	EC2GB152
TYPE EC3GB KIT, 21 SCREWS	EC3GB21
TYPE EC3GB KIT, 21 SCREWS, 2/0 LUG	EC3GB212
TYPE EC3GB KIT, 27 SCREWS	EC3GB27
TYPE EC3GB KIT, 27 SCREWS, 2/0 LUG	EC3GB272
TYPE EC3GB KIT, 30 SCREWS	EC3GB30
TYPE EC3GB KIT, 30 SCREWS, 2/0 LUG	EC3GB302
TYPE EC3GB KIT, 35 SCREWS, 2/0 LUG	EC3GB352

Trim/Door Detail



KO Diagram



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Description: **SN Series, 1 Phase, Indoor, 225A, 54 Pos, 82 Ckt, Main Breaker**

KAM 3/16/20 | DO NOT SCALE DRAWING | Dwg No: **SN5482B1225-W**