

Catalog Numbers, Features and Ratings

- 1 PHASE, 3 WIRE, 120/240V ~
- MAIN BREAKER: 225A, 22K AIC MAIN BREAKER FACTORY INSTALLED
MAIN LUG: 100K AIC MAX. RATED
(SEE WIRING DIAGRAM FOR DETAILS)
- CONVERTIBLE MAIN LUG/MAIN BREAKER
- 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						
PN5482B1225C	43.00	14.25	3.88	225	54	82	Copper	None	Gray
PN5482B1225CW	43.00	14.25	3.88	225	54	82	Copper	None	White
PN5482L1225C	43.00	14.25	3.88	225	54	82	Copper	None	Gray
PN5482L1225CW	43.00	14.25	3.88	225	54	82	Copper	None	White

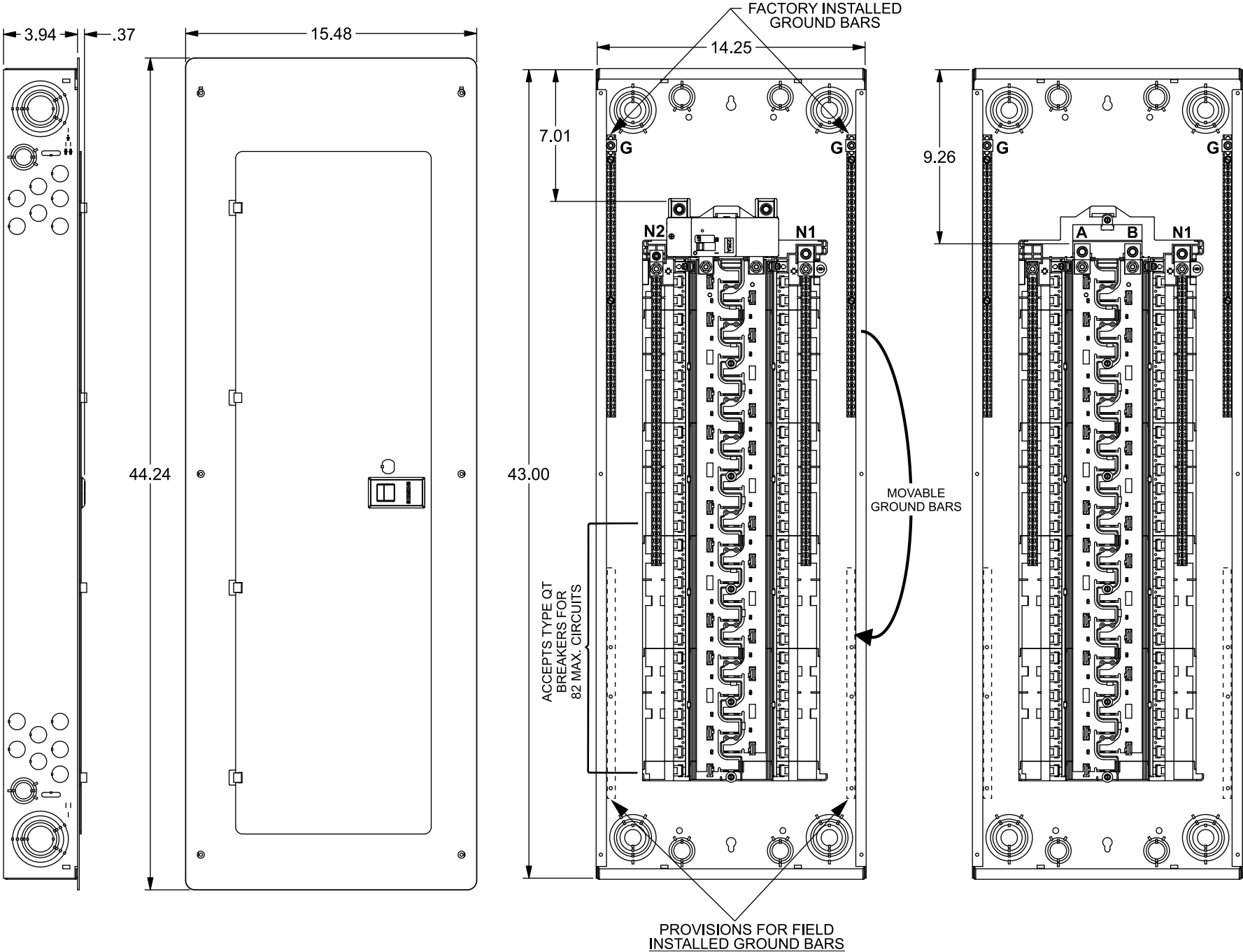
VIEWS SHOWN WITH TRIM ASSEMBLY REMOVED

PN5482B1225C, PN5482B1225CW

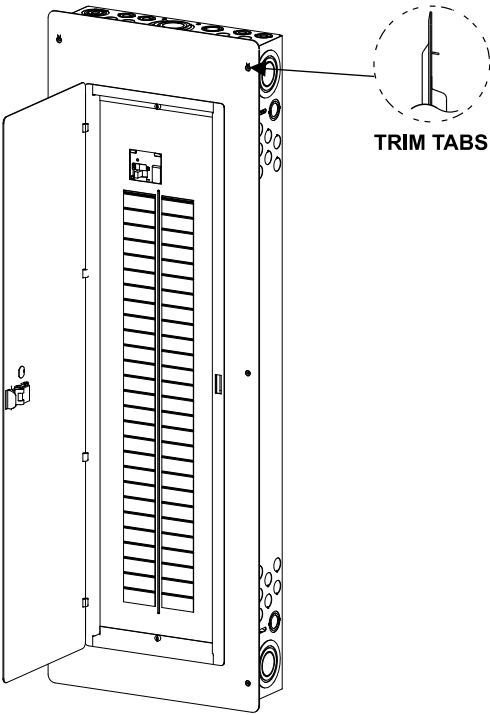
Main Breaker Load Center

PN5482L1225C, PN5482L1225CW

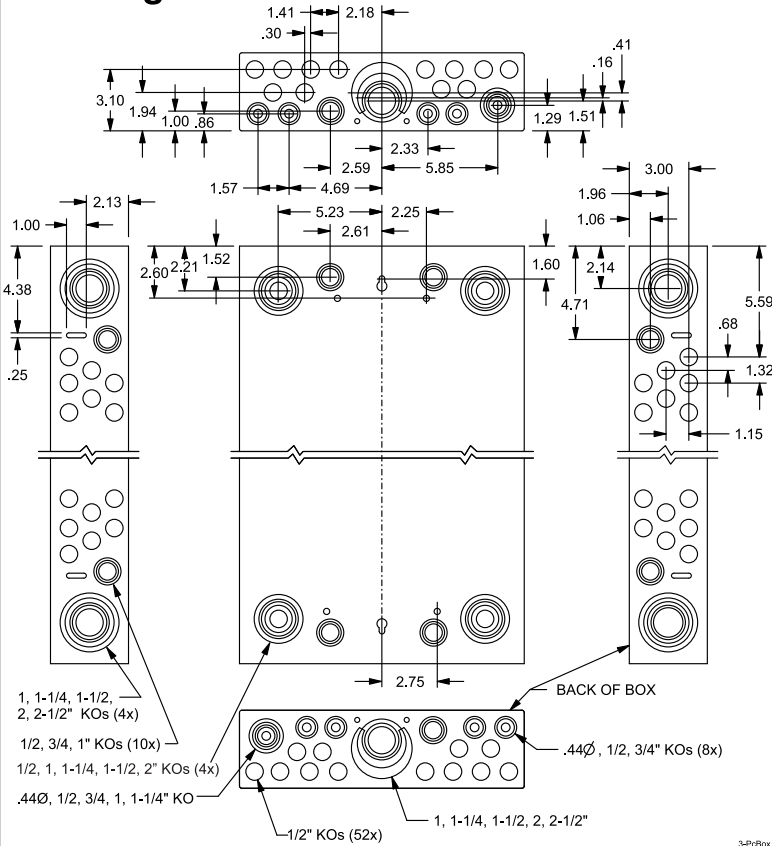
Main Lug Load Center
Same as Main Breaker except as shown



Trim/Door Detail



KO Diagram



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
A, B, N1, N2	300 kcmil - 4 AWG	250 LB-INS
G	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	2/0 - 4 AWG	110 LB-INS
ECLK2N NEUTRAL LUG ECLK3N NEUTRAL LUG	300 kcmil - 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 LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT) BONDING SCREW		45 LB-INS 45 LB-INS

ACCESSORIES

REFER TO WIRING DIAGRAM FOR
CORRECT ACCESSORY USAGE

MAIN LUG / MAIN BREAKER KITS	
DESCRIPTION	CAT. NO.
150 AMP MAIN BREAKER	MBK150A
200 AMP MAIN BREAKER	MBK200A
225 AMP MAIN BREAKER	MBK225A
150-225 AMP MAIN LUG	ECMLK225

ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	QF3
QP HOLD-DOWN/BARRIER	ECMBR2
QNR LINE TERMINAL BARRIER	ECLTB3
SUBFEED LUG KIT	ECLK2125 ECLK2225
STANDBY PWR INTERLOCK KITS: ECSBPK01, ECSBPK02, ECSBPK05, ECSBPK07, 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

© 2020 Copyright Siemens Industry, Inc.

SIEMENS
Siemens Industry, Inc.

Load Center

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

KAM 3/31/20 DO NOT SCALE DRAWING Dwg No: **PN5482B-L1225C-W**