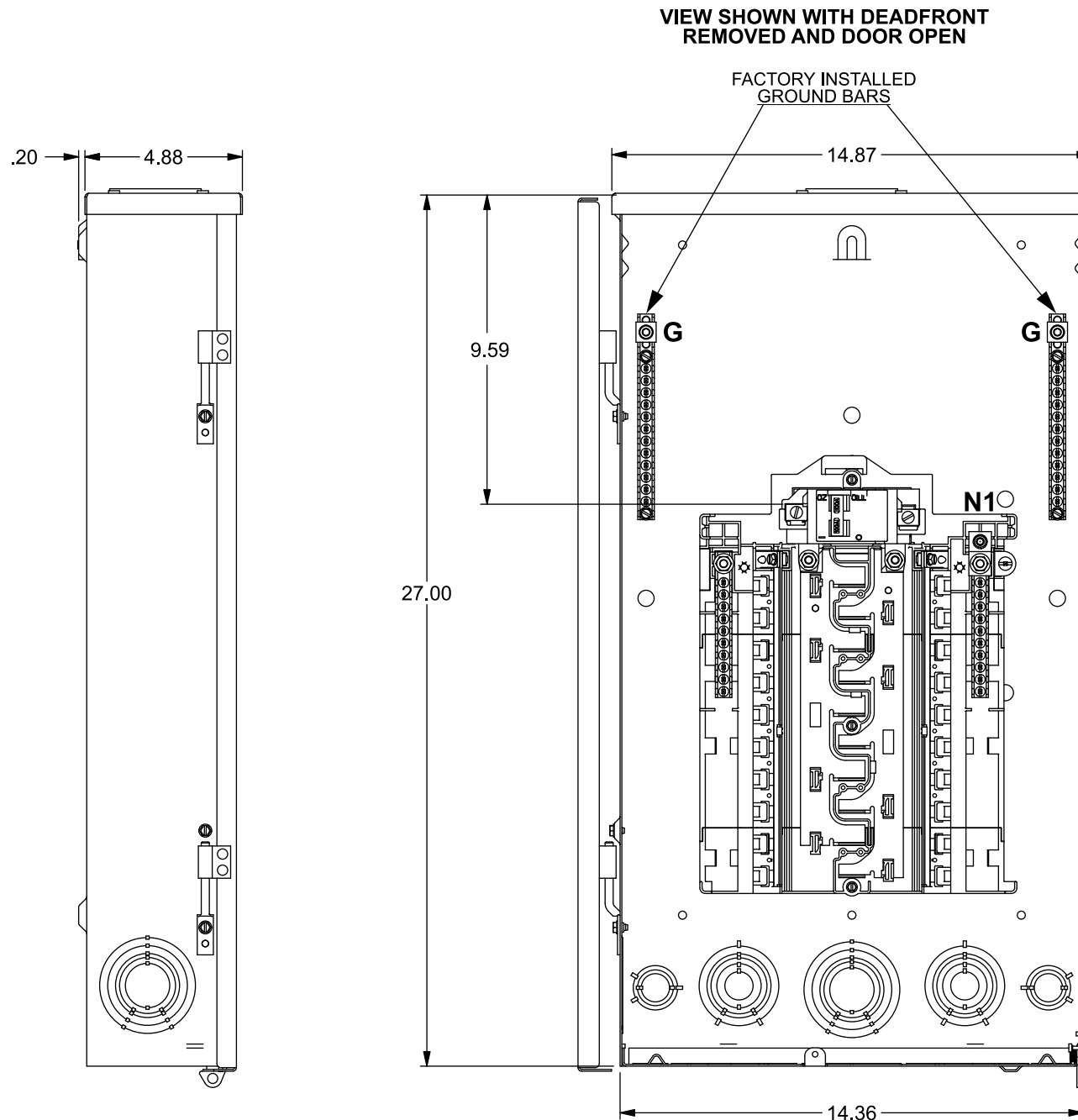


- 1 PHASE, 3 WIRE, 120/240V ~
- 100A MAX., 22K AIC MAIN BREAKER FACTORY INSTALLED
(SEE WIRING DIAGRAM FOR DETAILS)
- CONVERTIBLE TO MAIN LUG
- TYPE 3R OUTDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED ENCLOSURE
- DESIGNED FOR USE WITH PLUG-ON NEUTRAL BREAKERS



Catalog Number	ENCLOSURE DIMS (inside)			Amps Max	Number Spaces	Number Circuits	Bus Bar Material	Bus Bar Plating
	L	W	D					
PNW2020B1100C	27.00	14.25	4.50	100	20	20	Copper	None



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-INS
NEUTRAL/GROUND BARS (USE TYPE EC2GB or ECG3B GNB 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(1or3) 14 AWG 2/ 12-10 AWG	20 LB-INS 20 LB-INS
N2 ECLK2N NEUTRAL LUG	2/0 - 4 AWG	110 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
MAIN LUG/MAN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-INS
BONDING SCREW		45 LB-INS

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

ACCESSORIES	
DESCRIPTION	CAT. NO.
FILLER PLATE, 1"	QF3
BREAKER HOLD-DOWN/BARRIER	ECMBR2
MAIN BREAKER FILLER PLATE	ECMBF12
SUBFEED LUG KIT	ECLK2125
ARC FLASH LABEL	ECAFL
STANDBY PWR INTERLOCK KITS: ECSBPK01, ECSBPK02, ECSBPK11	

MAIN LUG / MAIN BREAKER KITS	
USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL	
DESCRIPTION	CAT. NO.
100 AMP MAIN BREAKER	MBK100A
100-125 AMP MAIN LUG	ECMLK125

CONDUIT HUBS	
TRADE SIZE	CAT. NO.
1 INCH	ECHS100
1-1/4 INCH	ECHS125
1-1/2 INCH	ECHS150
2 INCH	ECHS200
2-1/2 INCH	ECHS250

GROUND BAR KITS		
DESCRIPTION		CAT. NO.
TYPE EC2GB KIT, 12 SCREWS		EC2GB12
TYPE EC2GB KIT, 12 SCREWS, 2/0 LUG		EC2GB12L
TYPE EC2GB KIT, 15 SCREWS		EC2GB15
TYPE EC2GB KIT, 15 SCREWS, 2/0 LUG		EC2GB15L
TYPE EC3GB KIT, 21 SCREWS		EC3GB21
TYPE EC3GB KIT, 21 SCREWS, 2/0 LUG		EC3GB21L
TYPE EC3GB KIT, 27 SCREWS		EC3GB27
TYPE EC3GB KIT, 27 SCREWS, 2/0 LUG		EC3GB27L
TYPE EC3GB KIT, 30 SCREWS		EC3GB30
TYPE EC3GB KIT, 30 SCREWS, 2/0 LUG		EC3GB30L
TYPE EC3GB KIT, 35 SCREWS, 2/0 LUG		EC3GB35L

**CLOSURE
PLATE
INCLUDED**

KO Diagram

The diagram illustrates the locations and dimensions for various knockout (KO) holes on a vessel. The top view shows a rectangular vessel with a central circular feature labeled "HS HUB PROVISION". The front elevation shows a series of KO holes along the top and bottom edges, with dimensions indicating their positions relative to the vessel's centerline and edges.

Dimensions and Labels:

- HS HUB PROVISION**: Located at the top center of the vessel.
- BACK OF BOX**: Indicated on the right side of the vessel.
- .32"Ø MTG SLOT**: Located on the top edge of the vessel.
- 2.19**: Dimension from the top edge to the center of the HS HUB PROVISION.
- 5.25**: Dimension from the centerline to the center of the .32"Ø MTG SLOT.
- 1.60**: Dimension from the top edge to the center of the .32"Ø MTG SLOT.
- 1.44**: Dimension from the top edge to the center of the .32"Ø MTG SLOT.
- 2.50**: Dimension from the top edge to the center of the .25"Ø MTG HOLE (5x).
- 1.89**: Dimension from the top edge to the center of the .25"Ø MTG HOLE (5x).
- 6.09**: Dimension from the centerline to the center of the .25"Ø MTG HOLE (5x).
- 6.35**: Dimension from the centerline to the center of the .25"Ø MTG HOLE (5x).
- 5.03**: Dimension from the centerline to the center of the .25"Ø MTG HOLE (5x).
- 6.14**: Dimension from the centerline to the center of the .25"Ø MTG HOLE (5x).
- 4.81**: Dimension from the centerline to the center of the .25"Ø MTG HOLE (5x).
- 5.02**: Dimension from the centerline to the center of the .25"Ø MTG HOLE (5x).
- 3.99**: Dimension from the centerline to the center of the .25"Ø MTG HOLE (5x).
- 3.31**: Dimension from the centerline to the center of the .25"Ø MTG HOLE (5x).
- 2.14**: Dimension from the centerline to the center of the .25"Ø MTG HOLE (5x).
- 4.68**: Dimension from the top edge to the center of the .25"Ø MTG HOLE (5x).
- 2.43**: Dimension from the top edge to the center of the .25"Ø MTG HOLE (5x).
- 1, 1-1/4, 1-1/2, 2, 2-1/2" KOs (3x)**: Located on the right side of the vessel.
- 1/2, 3/4, 1" KOs (4x)**: Located on the right side of the vessel.
- 1/2, 1, 1-1/4, 1-1/2, 2" KOs (2x)**: Located on the right side of the vessel.
- BACK OF BOX**: Indicated on the left side of the vessel.
- .25"Ø MTG HOLE (5x)**: Located on the left side of the vessel.
- 1/2" KOs (15x)**: Located on the bottom edge of the vessel.
- 1/2, 3/4" KOs (4x)**: Located on the bottom edge of the vessel.
- 1, 1-1/4, 1-1/2, 2, 2-1/2" TANGENTIAL KO**: Located on the bottom edge of the vessel.
- 3.50**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- 3.31**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- 2.50**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- 2.33**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- .84**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- 1.21**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- 1.62**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- .16**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- .41**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- 2.09**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).
- 3.30**: Dimension from the bottom edge to the center of the .25"Ø MTG HOLE (5x).

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Load Center

Description: **PN Series, 1 Phase, Outdoor,
100A, 20 Pos, 20 Ckt, Main Breaker**

KAM 4/24/20	DO NOT SCALE DRAWING	Dwg No. PNW2020B1100C
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