

- 1 PHASE, 3 WIRE, 120/240V ~
- 125A, 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						
SN2424B1125	24.00	14.25	3.88	125	24	24	Aluminum	Tin Plated	Gray
SN2424B1125W	24.00	14.25	3.88	125	24	24	Aluminum	Tin Plated	White

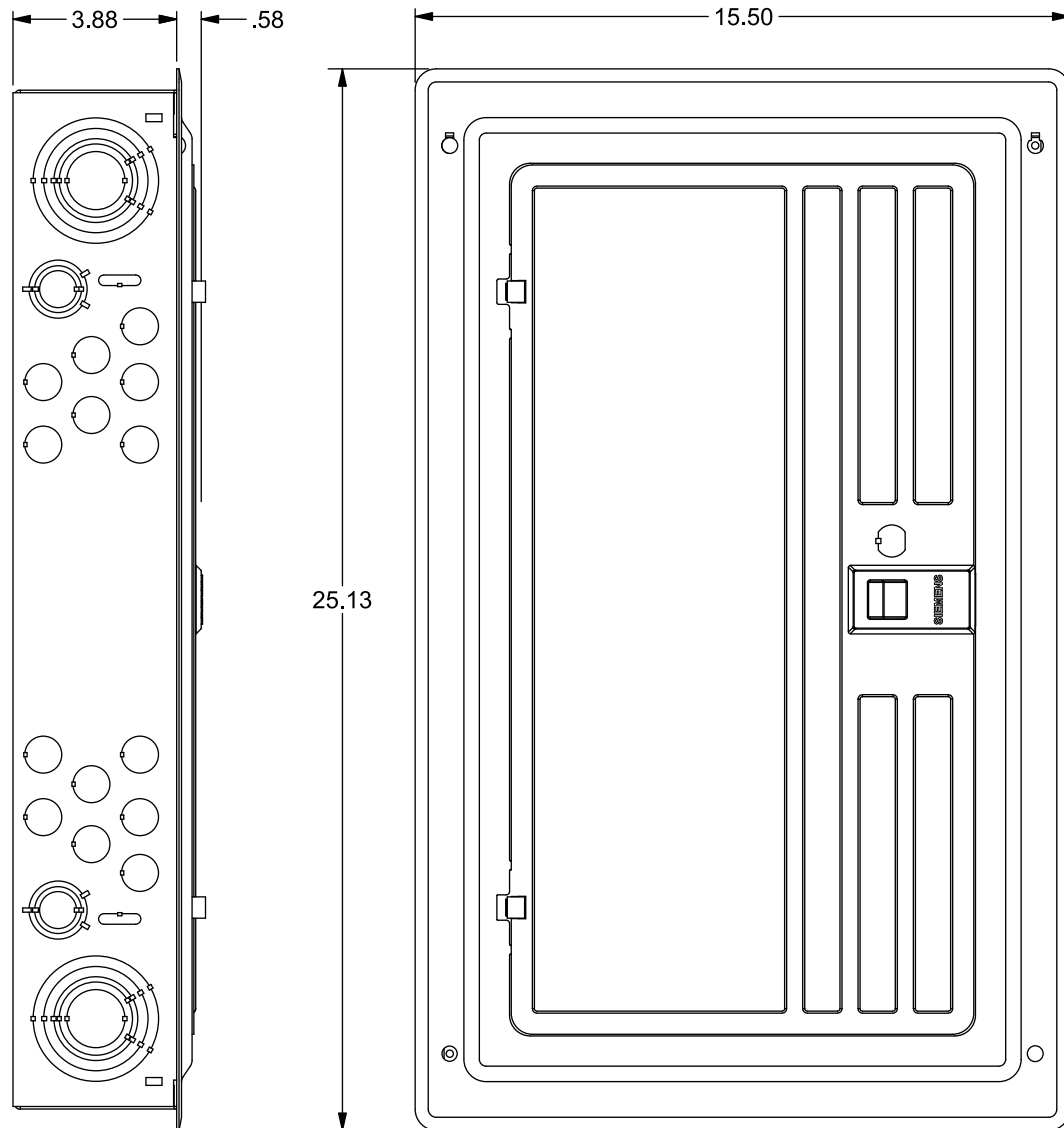
Technical drawing of a 1000V 1P+N+PE MCCB assembly, showing dimensions and components. The drawing is oriented with the front of the assembly at the top.

Dimensions:

- Overall width: 14.25
- Overall height: 24.00
- Distance from top edge to the center of the main terminal block: 6.26

Components and Labels:

- PROVISION FOR ADDITIONAL NEUTRAL BAR (Cat# ECNB10N):** Indicated by a dimension line on the left side.
- FACTORY INSTALLED GROUND BAR:** Indicated by an arrow pointing to the main terminal block.
- PROVISIONS FOR FIELD INSTALLED GROUND BARS:** Indicated by an arrow pointing to the dashed line on the right side.
- FRONT:** Label at the top and bottom of the drawing.
- G:** Label for the main terminal block.
- N1:** Label for the neutral terminal block.
- MOVABLE GROUND BARS:** Indicated by a curved arrow pointing to the dashed line on the right side.



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
NEUTRAL/GROUND BARS (USE TYPE EC2GB or EC3GB GND BAR KIT and ECN10N NEUTRAL BAR KIT ACCY)	10-14 CU/10-12 AL 8 AWG 6-4 AWG	20 LB-IN 25 LB-IN 35 LB-IN
GROUND CONDUCTORS ONLY	(2)or(3) 14 AWG (2) 12-10 AWG	20 LB-IN 20 LB-IN
N2 ECLK2N NEUTRAL LUG	2/0 - 4 AWG	110 LB-IN
ECLK1-2 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
125 AMP MAIN BREAKER	MBK125A

DESCRIPTION	CAT. NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	QF3
SUBFEED LUG KIT	ECLK2125
STANDBY PWR INTERLOCK KITS: ECSBPk01, ECSBPk02, ECSBPk11	
SURF. MOUNT SPACER KIT	ECSMK1
ARC FLASH LABEL	ECAFL

DESCRIPTION	CAT. NO.
TYPE EC2GB KIT, 12 SCREWS	EC2GB12
TYPE EC2GB KIT, 12 SCREWS, 2/0 LUG	EC2GB12
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	EC3GB122
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

Diagram illustrating the front door assembly. The door is shown open, revealing the internal components, including the main panel and the trim tabs. A callout shows a detailed view of a trim tab, labeled "TRIM TABS".

[illegible]

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Load Center

Description: **SN Series, 1 Phase, Indoor,
125A 24 Pos, 24 Ckt, Main Breaker**

KAM 3/16/20	DO NOT SCALE DRAWING	Dwg No. SN2424B1125-W
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