

Catalog Numbers, Features and Ratings

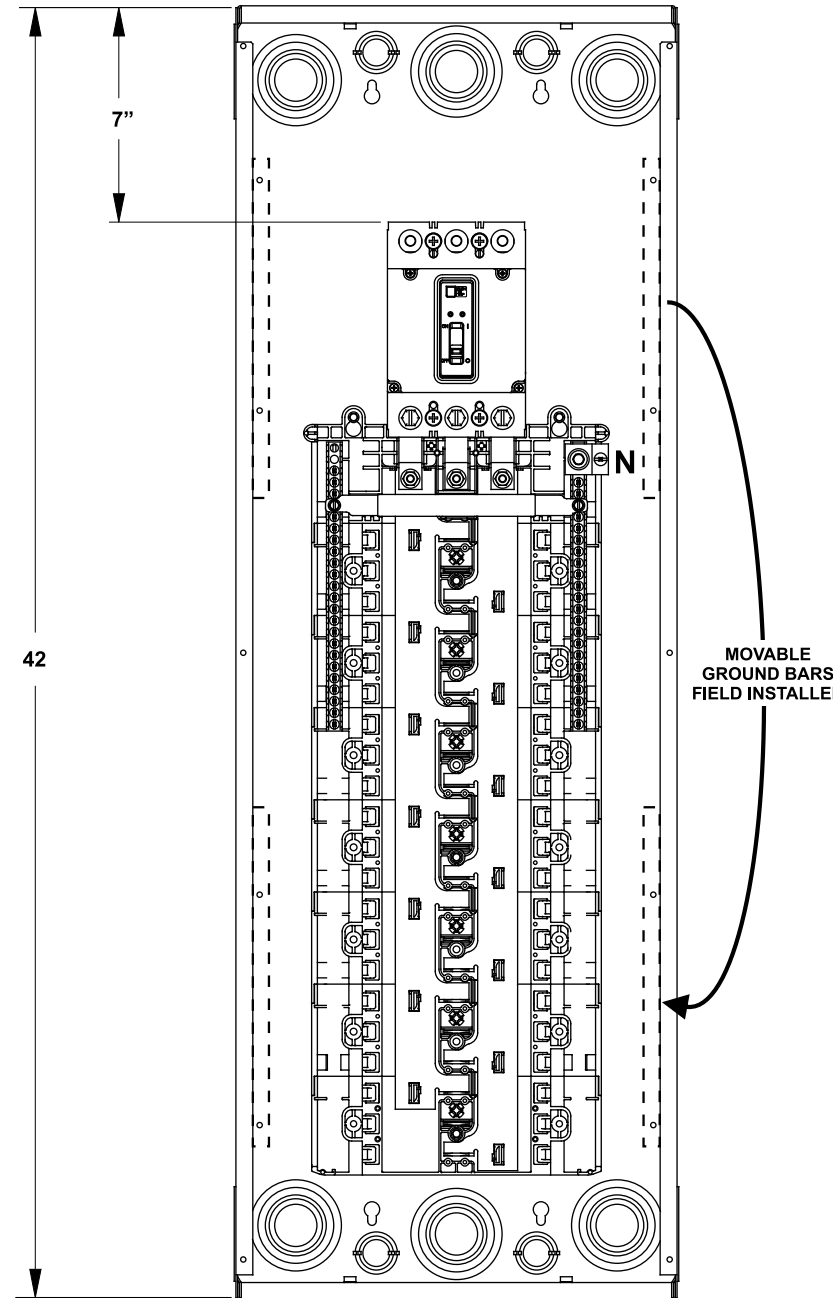
- 3 PHASE, 3 OR 4 WIRE, 240V ~ MAX.
- 10K AIC MAIN BREAKER FACTORY INSTALLED
(SEE WIRING DIAGRAM FOR DETAILS)
- CONVERTIBLE TO MAIN LUG
- INVERTIBLE
- TYPE 1 INDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED



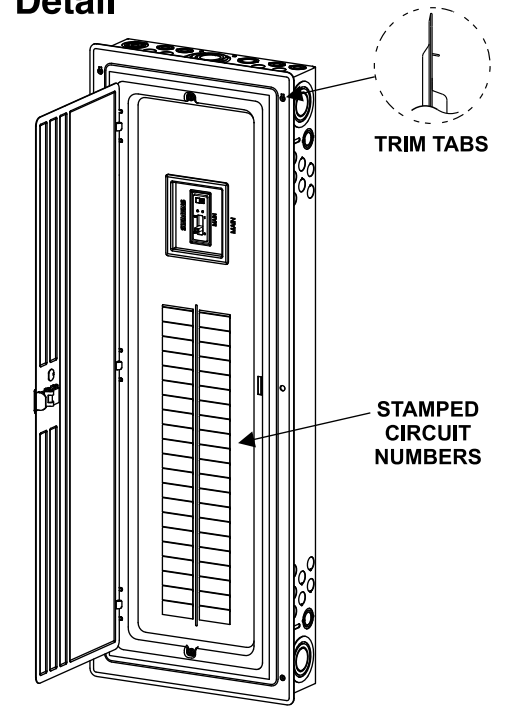
Catalog Number	ENCLOSURE DIMS			Amps Max	Number Spaces	Number Circuits	Bus Bar Material	Bus Bar Plating	Percent Neutrals
	L	W	D						
S4242B3150	42.00	14.25	3.88	150	42	42	Aluminum	Tin Plated	100%

S4242B3150

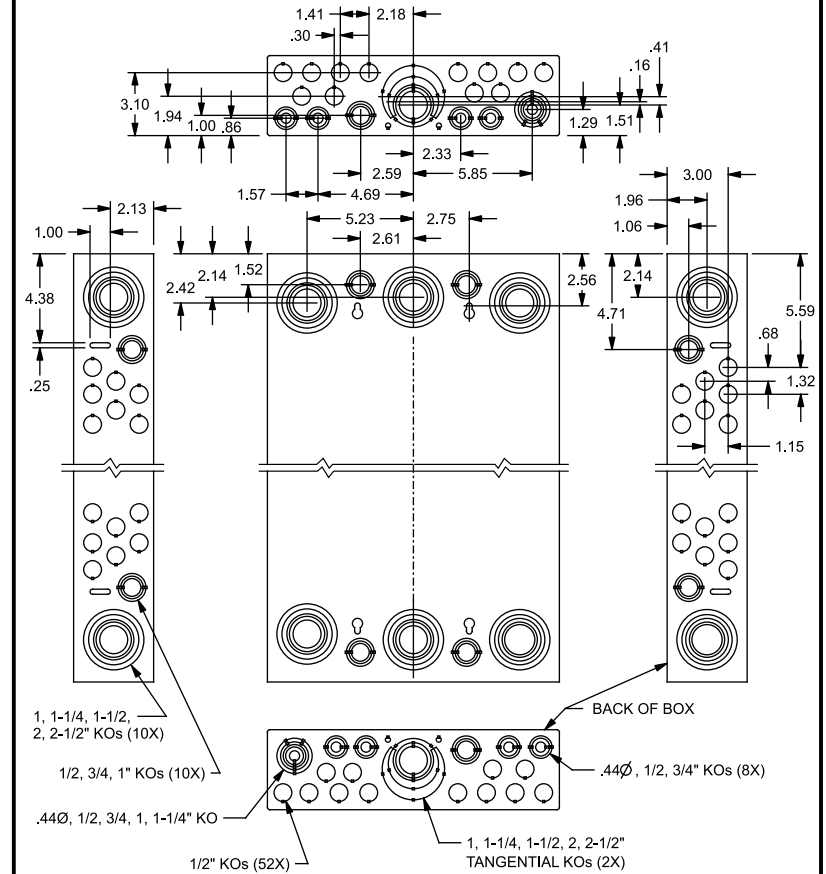
Shown With
Trims/Doors Removed



Trim/Door Detail



KO Diagram



TERMINAL WIRE SIZES AND TORQUES

USE COPPER OR ALUMINUM 60°/75°C WIRE
SERVICE CONDUCTORS FED THROUGH OPPOSITE ENDWALL
OF MAIN TERMINALS ARE RESTRICTED TO 4/0 AWG MAX.

TERMINALS	WIRE	TORQUE
N	300 kcmil - 4 AWG	275 LB-INS
MAIN BREAKER	4/0 AWG CU	See Breaker
	300 kcmil AL Max.	
G	2/0-6 AWG	110 LB-INS
NEUTRAL/GROUND BARS (USE TYPE EC3GB GROUND BAR KIT ACCESSORY)	10-14 CU/10-12 AL	20 LB-INS
	8 AWG	25 LB-INS
	6-4 AWG	35 LB-INS
GROUND CONDUCTORS ONLY	(2)or(3) 14 AWG	20 LB-INS
	(2) 12-10 AWG	20 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
ECLK3 NEUTRAL LUG KIT	300 kcmil - 1 AWG	340 LB-INS
100A MAIN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-INS
BONDING SCREW		45 LB-INS

ACCESSORIES

REFER TO WIRING DIAGRAM FOR
CORRECT ACCESSORY USAGE

ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	ECQF3
MAIN BRKR FILLER PLATE	EC3PMFPR
BREAKER HOLD-DOWN	ECMBR2
BONDABLE GROUND LUG	ECLKB1
SUBFEED LUG KIT	ECLK2125 ECLK2225 ECLK3225
150-225A MAIN LUG KIT	ECMLK3225
SURF. MOUNT SPACER KIT	ECSMK1
ARC FLASH LABEL	ECAFL
100A MAIN BRKR KIT (BACK-FED)	MBK3100

MAIN BREAKER KITS		
DESCRIPTION	CATALOG NO.	
125A	125A	150A
10K AIC	MBK3125R	MBK3150R
22K AIC	MBK3125HR	MBK3150HR
65K AIC	MBK3125HHR	MBK3150HHR
100K AIC	HMBK3125HR	HMBK3150HR

GROUND BAR KITS		
DESCRIPTION	CAT. NO.	
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	

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ES Series Load Centers™

Description: **3 Phase, Indoor, 42 Position,
42 Ckts Max, 150A Main Breaker**

KAM 9/8/16 DO NOT SCALE DRAWING Dwg No: **S4242B3150**