

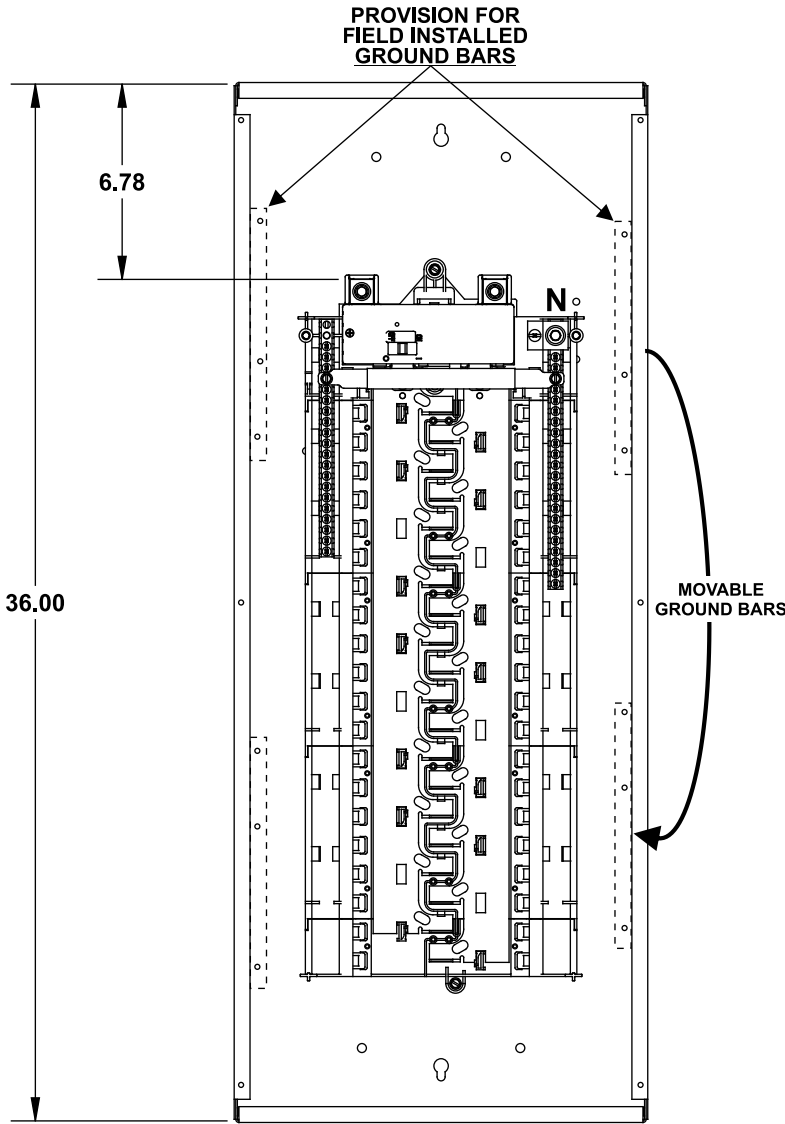
Catalog Numbers, Features and Ratings

- 1 PHASE, 3 WIRE, 120/240V ~
- 22K AIC MAIN BREAKER FACTORY INSTALLED
(SEE WIRING DIAGRAM FOR DETAILS)
- CONVERTIBLE TO MAIN LUG
- INVERTIBLE
- TYPE N1 INDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED ENCLOSURE
(SEE CHART FOR TRIM/DOOR COLOR)

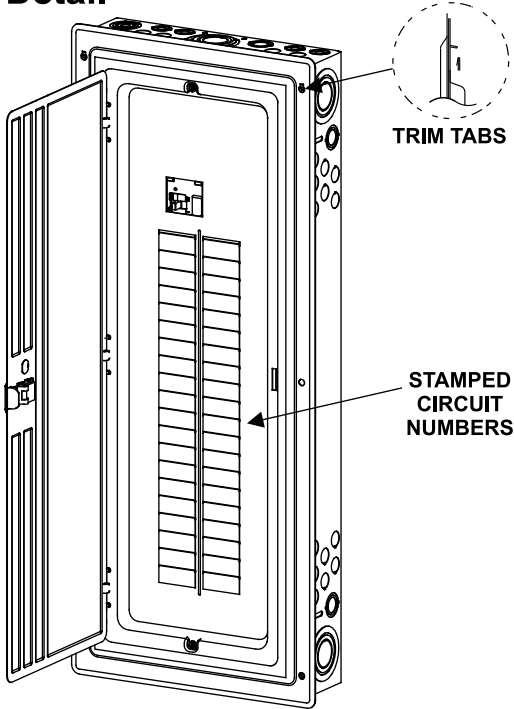


Catalog Number	ENCLOSURE DIMS			Amps Max	Number Spaces	Number Circuits	Bus Bar Material	Bus Bar Plating	Percent Neutrals	Trim Color
	L	W	D							
S4040B1200	36.00	14.25	3.88	200	40	40	Aluminum	Tin Plated	100%	Gray
S4040B1200W	36.00	14.25	3.88	200	40	40	Aluminum	Tin Plated	100%	White

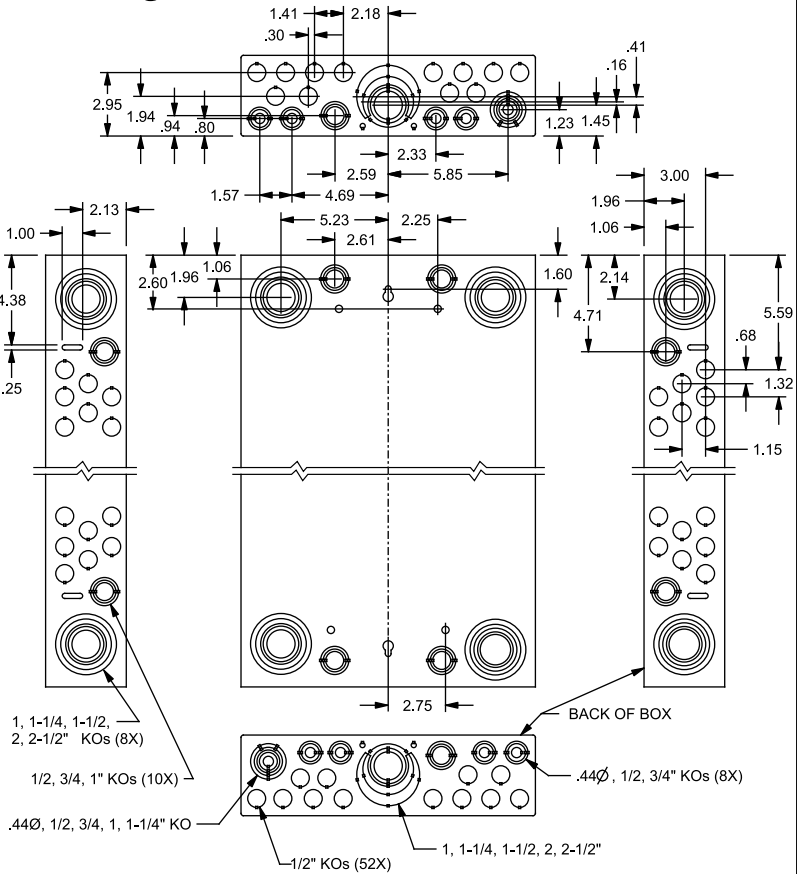
S4040B1200
S4040B1200W



Trim/Door Detail



KO Diagram



TERMINAL WIRE SIZES AND TORQUES

S4040B1200
S4040B1200W

USE COPPER OR ALUMINUM 60°/75°C WIRE
SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS

TERMINALS	WIRE	TORQUE
N	4/0-4 CU; 300-4 AL	275 LB-IN
MAIN BREAKER	3/0 AWG CU 250 kcmil AL Max.	See Breaker
G	2/0-4 AWG	110 LB-IN
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-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
ECLK1-2 NEUTRAL LUG KIT	2/0-2 AWG	45 LB-IN
ECLK2 NEUTRAL LUG KIT	2/0-4 AWG	135 LB-IN
ECLK3 NEUTRAL LUG KIT	300 kcmil - 1 AWG	340 LB-IN
MAIN LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-IN
BONDING SCREW		45 LB-IN

ACCESSORIES

ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	QF3
BREAKER HOLD-DOWN	ECMBR2
BONDABLE GROUND LUG	ECLKB1
SUBFEED LUG KIT	ECLK2125 ECLK2150 ECLK2225
SURF. MOUNT SPACER KIT	ECSMK1
ARC FLASH LABEL	EC AFL
STANDBY PWR INTERLOCK KITS: EC SBPK01, EC SBPK02, EC SBPK03, EC SBPK05, EC SBPK06, EC SBPK07	

REFER TO WIRING DIAGRAM
FOR CORRECT
ACCESSORY USAGE

MAIN LUG / MAIN BREAKER KITS

USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL	
DESCRIPTION	CAT. NO.
150 AMP MAIN BREAKER	MBK150A
200 AMP MAIN BREAKER	MBK200A
150-225 AMP MAIN LUG	ECMLK225

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

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ES Series Load Centers™

Description:1 Phase, Indoor,
40 Position, Main Breaker Cut Sheet

KAM 9/1/16

DO NOT SCALE DRAWING

Dwg No: 1IN_40_ES_MB