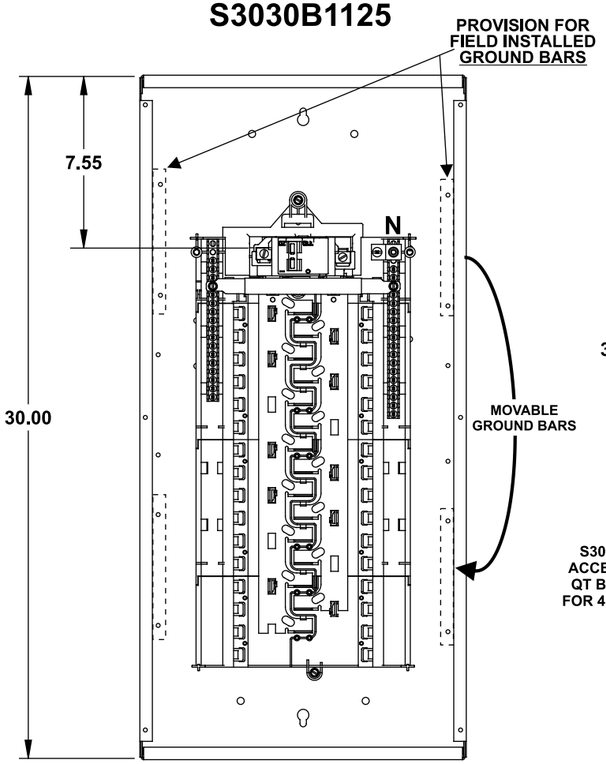
Catalog Numbers, Features and Ratings

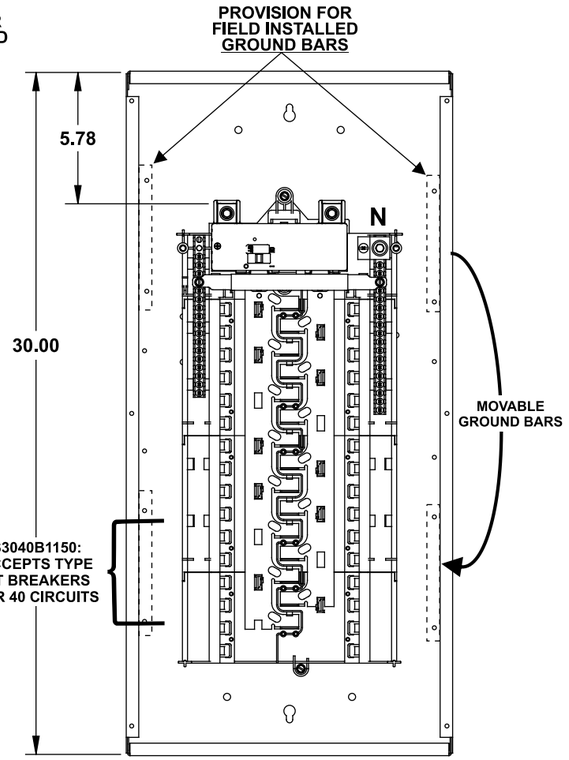
- 1 PHASE, 3 WIRE, 120/240V ~
- 22K AIC MAIN BREAKER FACTORY INSTALLED (SEE WIRING DIAGRAM FOR DETAILS)
- MAIN BREAKER ONLY
- INVERTIBLE
- TYPE N1 INDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED ENCLOSURE (SEE CHART FOR TRIM/DOOR COLOR)

Catalog Number	ENCLOSURE DIMS L	W	D	Amps Max	Number Spaces	Number Circuits	Bus Bar Material	Bus Bar Plating	Percent Neutrals	Trim Color
S3030B1100	30.00	14.25	3.88	100	30	30	Aluminum	Tin Plated	100%	Gray
S3030B1100W	30.00	14.25	3.88	100	30	30	Aluminum	Tin Plated	100%	White
S3030B1125	30.00	14.25	3.88	125	30	30	Aluminum	Tin Plated	100%	Gray
S3030B1150	30.00	14.25	3.88	150	30	30	Aluminum	Tin Plated	100%	Gray
S3040B1150	30.00	14.25	3.88	150	30	40	Aluminum	Tin Plated	100%	Gray
S3040B1200	36.00	14.25	3.88	200	30	40	Aluminum	Tin Plated	100%	Gray

S3030B1100, S3030B1100W, S3030B1125

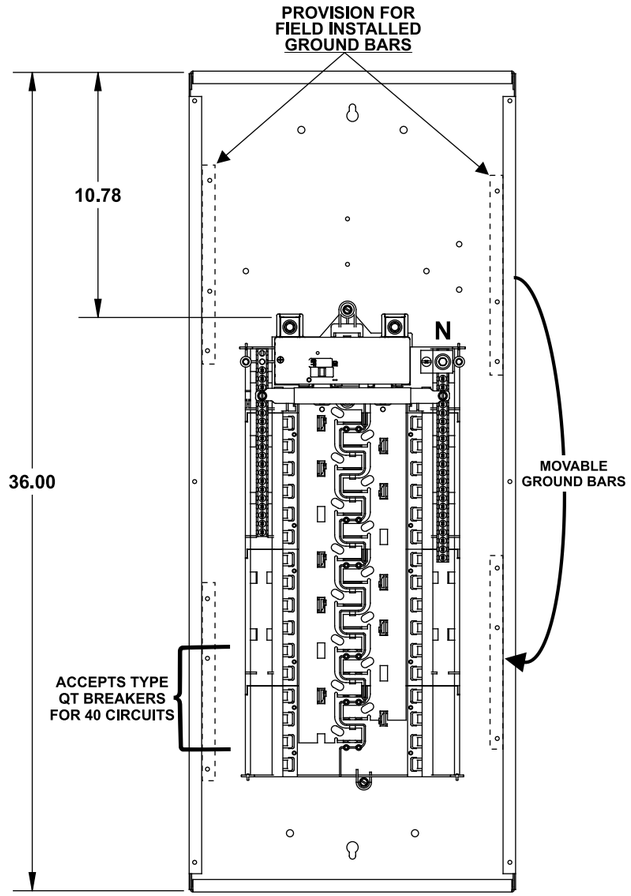


S3030B1150, S3040B1150*

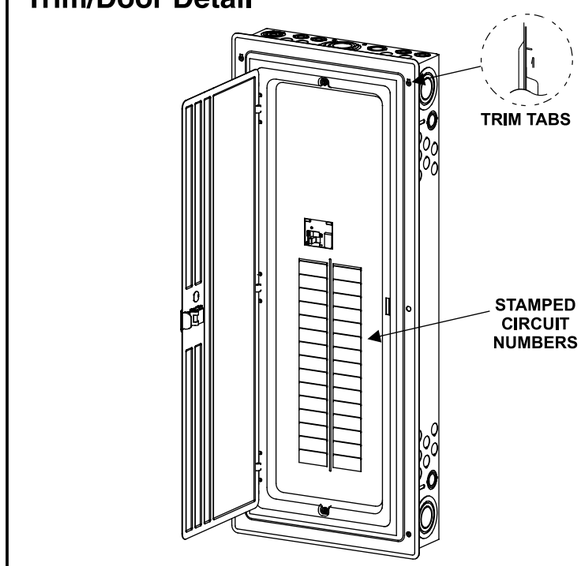


*S3030B1150 shown. S3040B1150 is similar except number of neutral positions.

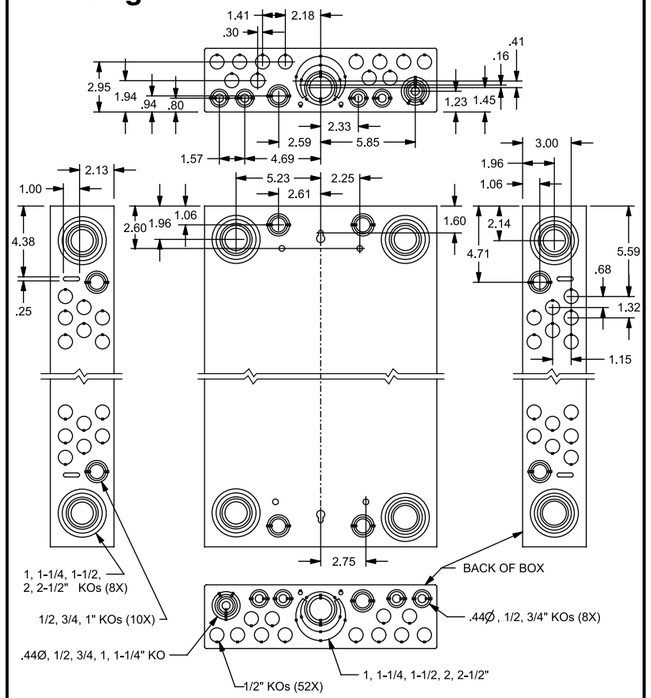
S3040B1200



Trim/Door Detail



KO Diagram



TERMINAL WIRE SIZES AND TORQUES

S3030B1100, S3030B1100W, S3030B1125

USE COPPER OR ALUMINUM 60°/75°C WIRE

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

TERMINALS	WIRE	TORQUE
N, G	2/0-4 AWG	110 LB-INS
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
ECLK1-2 NEUTRAL LUG KIT ECLK2 NEUTRAL LUG KIT	2/0-4 AWG 2/0-4 AWG	45 LB-INS 135 LB-INS
MAIN BREAKER TO BUS CONNECTION (1/4-20 NUT)		45 LB-INS
BONDING SCREW		45 LB-INS

S3030B1150 S3040B1150

USE COPPER OR ALUMINUM 60°/75°C WIRE

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

TERMINALS	WIRE	TORQUE
N	4/0-4 AWG CU; 300kcmil-4 AWG AL	275 LB-INS
G	2/0-4 AWG	110 LB-INS
MAIN BREAKER	1/0 AWG CU 3/0 AWG AL	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
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 BREAKER TO BUS CONNECTION (1/4-20 NUT)		45 LB-INS
BONDING SCREW		45 LB-INS

S3040B1200

USE COPPER OR ALUMINUM 60°/75°C WIRE

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

TERMINALS	WIRE	TORQUE
N	300 kcmil - 4 AWG	275 LB-INS
G	2/0-4 AWG	110 LB-INS
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
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 BREAKER 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"	QF3
BREAKER HOLD-DOWN	ECMBR2
BONDABLE GROUND LUG	ECLKB1
SUBFEED LUG KIT	ECLK2125 ECLK2150 ECLK2225
SURF. MOUNT SPACER KIT	ECSMK1
ARC FLASH LABEL	ECAFL
STANDBY PWR INTERLOCK KITS: ECSBPK03 (for 150A and 200A), ECSBPK04 (for 100A and 125A)	

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, 30 Position, Main Breaker Cut Sheet**

KAM 7/10/19 | DO NOT SCALE DRAWING | Dwg No: 1IN_30_ES_MB