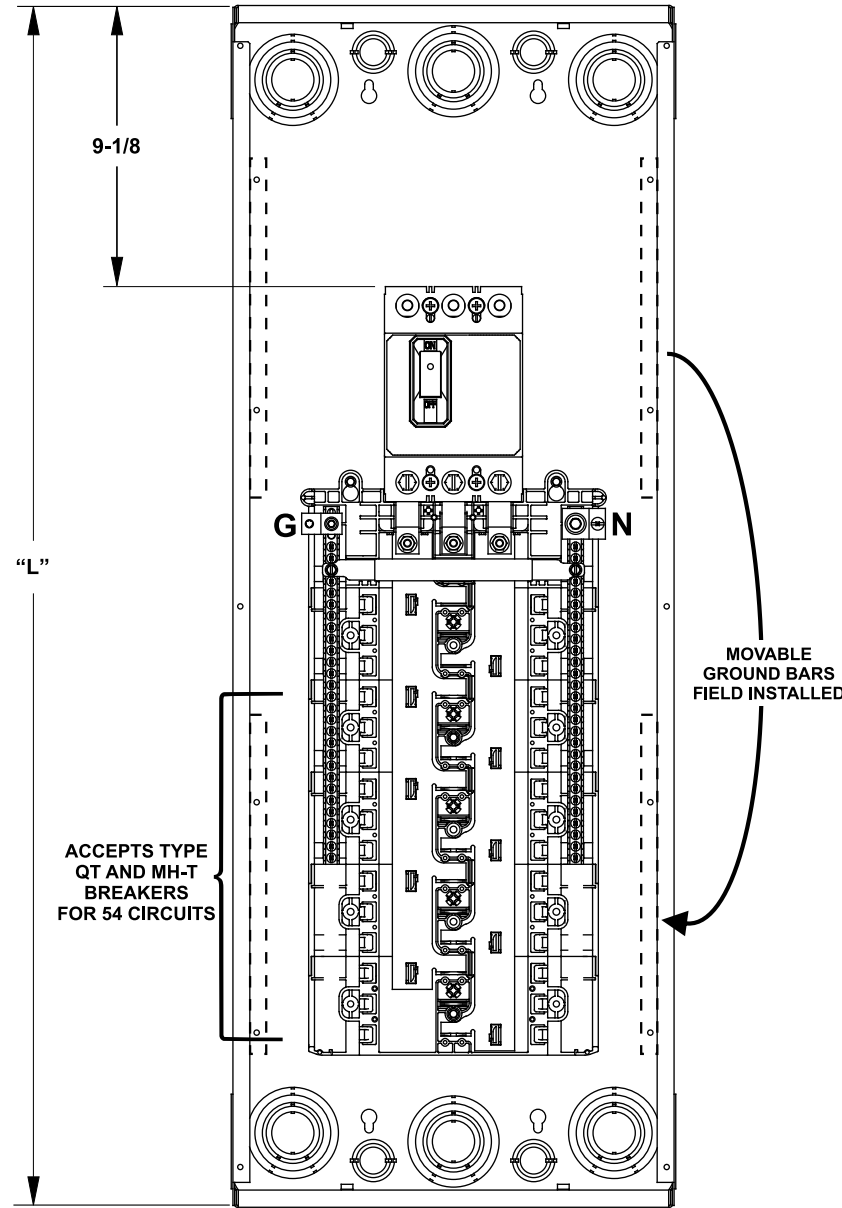


Catalog Numbers, Features and Ratings

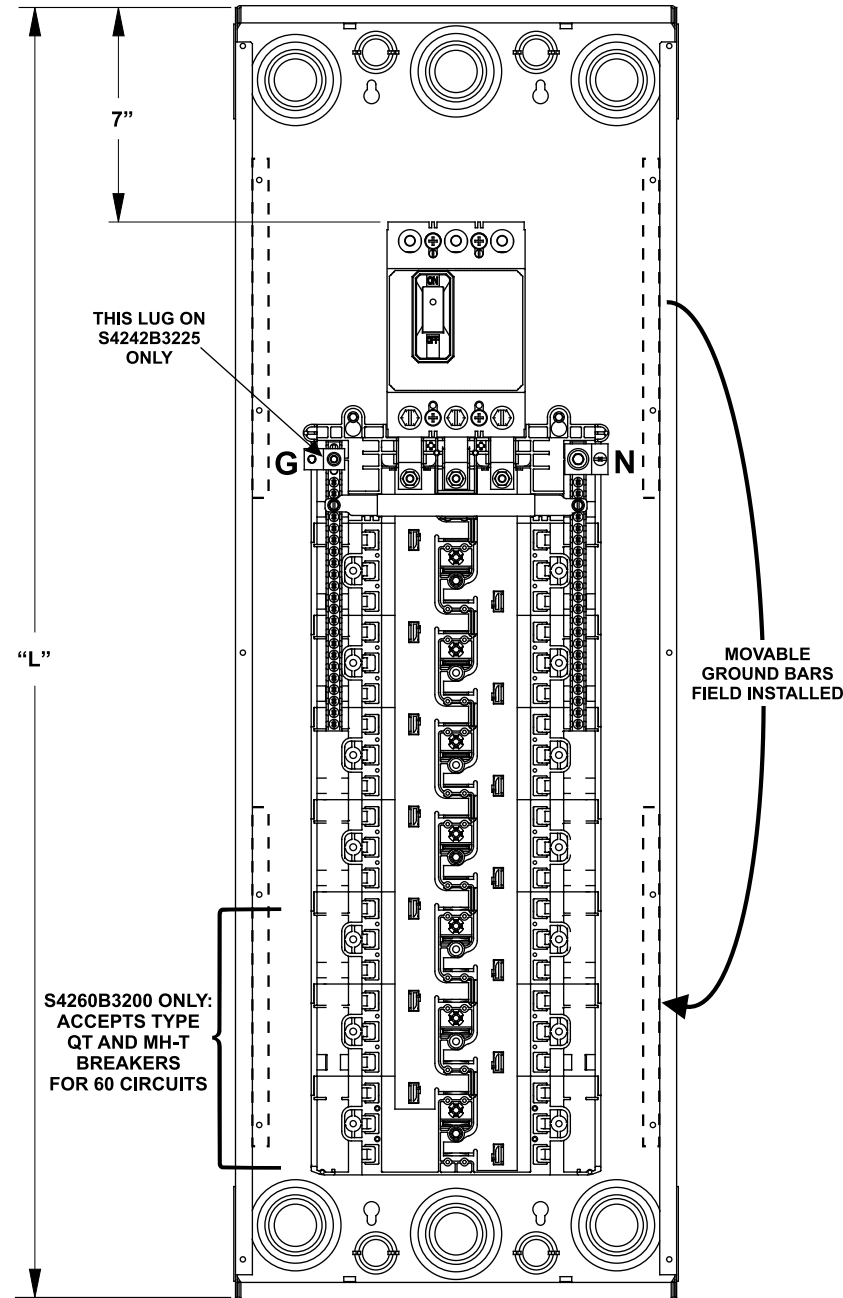
- 3 PHASE, 3 OR 4 WIRE, 240V ~ MAX.
- 10K AIC MAIN BREAKER FACTORY INSTALLED
(SEE WIRING DIAGRAM FOR DETAILS)
- CONVERTIBLE TO MAIN LUG
- INVERTIBLE
- TYPE N1 INDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED

Catalog Number	ENCLOSURE DIMS			Amps Max	Number Spaces	Number Circuits	Bus Bar Material	Bus Bar Plating	Percent Neutrals
	L	W	D						
S3054B3200	39.00	14.25	3.88	200	30	54	Aluminum	Tin Plated	100%
S4242B3150	42.00	14.25	3.88	150	42	42	Aluminum	Tin Plated	100%
S4242B3225	42.00	14.25	3.88	225	42	42	Aluminum	Tin Plated	100%
S4260B3200	42.00	14.25	3.88	200	42	60	Aluminum	Tin Plated	100%

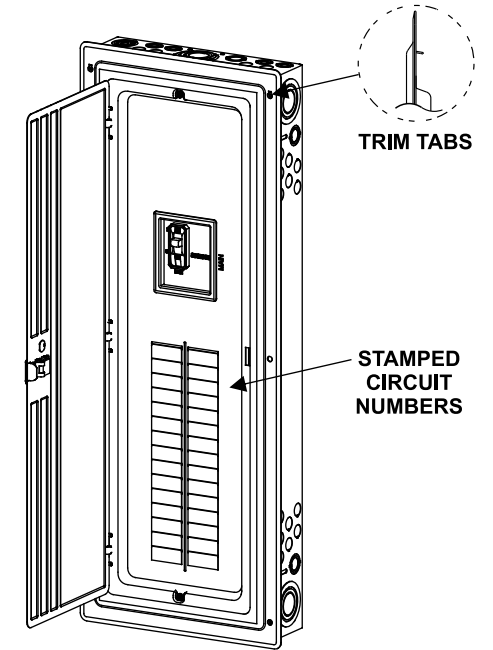
S3054B3200



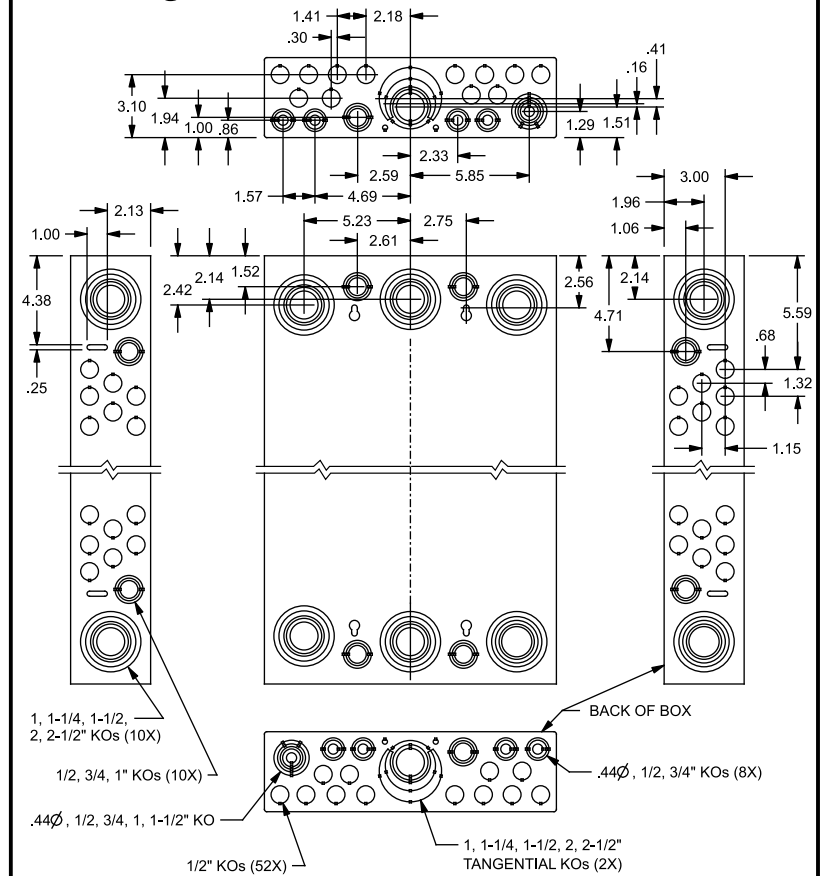
S4260B3200, S4242B3150 S4242B3225, S4260B3200



Trim/Door Detail



KO Diagram



TERMINAL WIRE SIZES AND TORQUES

S3054B3200

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

TERMINALS	WIRE	TORQUE
N	300 kcmil - 4 AWG	275 LB-INS
MAIN BREAKER	4/0 AWG CU 300 kcmil AL Max.	See Breaker
G	2/0-6 AWG	110 LB-INS
NEUTRAL/GROUND BARS (USE TYPE EC3GB GROUND 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	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
MAIN LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-INS
BONDING SCREW		45 LB-INS

S4242B3150, S4242B3225, S4260B3200

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 300 kcmil AL Max.	See Breaker
G	2/0-6 AWG	110 LB-INS
NEUTRAL/GROUND BARS (USE TYPE EC3GB GROUND 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
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ECLK2 NEUTRAL LUG KIT	2/0-4 AWG	135 LB-INS
ECLK3 NEUTRAL LUG KIT	300 kcmil - 1 AWG	340 LB-INS
MAIN LUG/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

DESCRIPTION	CAT. NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	ECQF3
MAIN BRKR FILLER PLATE	EC3PMFP1
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

MAIN BREAKER KITS			
USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL.			
DESCRIPTION	CATALOG NO.		
MAIN BRKR KITS	150A	200A	225A
10K AIC	MBK3150	MBK3200	MBK3225
22K AIC	MBK3150H	MBK3200H	MBK3225H
42K AIC	MBK3150HH	MBK3200HH	MBK3225HH

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,
30-42 Position, Main Breaker Cut Sheet**

KAM 7/19/11 DO NOT SCALE DRAWING Dwg No: **3IN 30-42 ES MB**