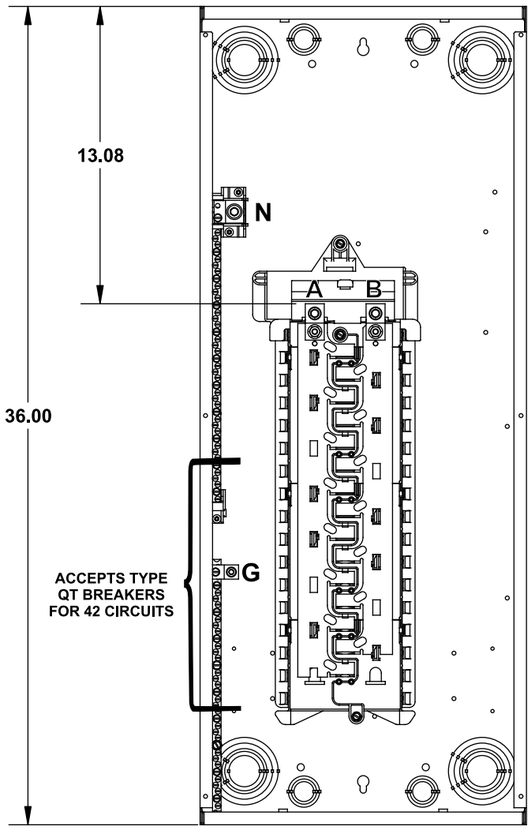
Catalog Numbers, Features and Ratings

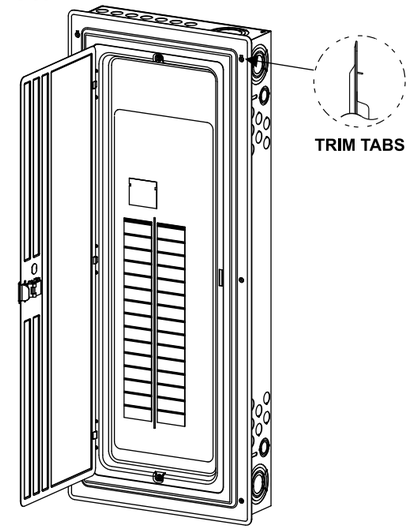
- 1 PHASE, 3 WIRE, 120/240V ~
- 100K AIC MAX. RATED
  (SEE WIRING DIAGRAM FOR DETAILS)
- CONVERTIBLE TO MAIN BREAKER
- AMPLE GUTTER SPACE FOR RISER APPLICATIONS
- INVERTIBLE
- TYPE N1 INDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED

Catalog Number	ENCLOSURE DIMS L	W	D	Amps Max	Number Spaces	Number Circuits	Bus Bar Material	Bus Bar Plating	Percent Neutrals
R3042L1200	36.00	14.25	4.00	200	30	42	Aluminum	Tin Plated	100%

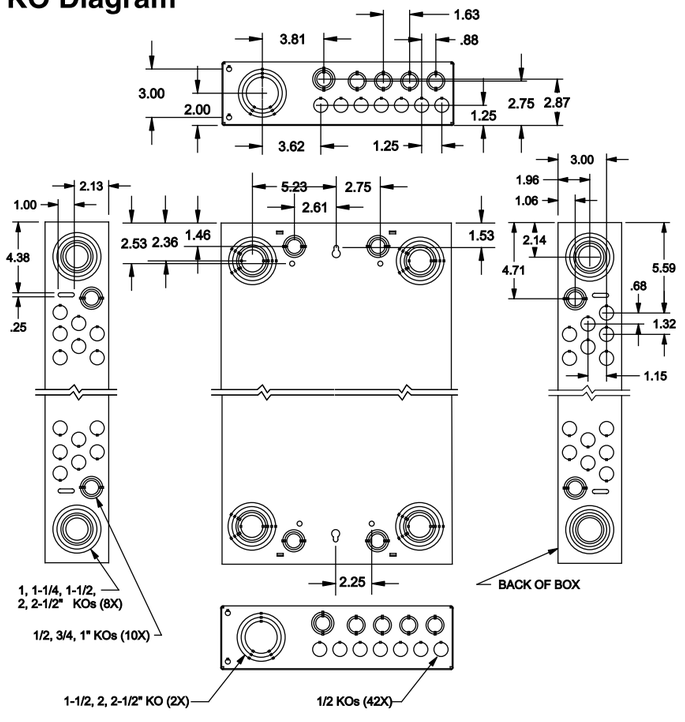
R3042L1200



Trim/Door Detail



KO Diagram



TERMINAL WIRE SIZES AND TORQUES

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

TERMINALS	WIRE	TORQUE
A, B	300 kcmil-4 AWG	275 LB-IN
N	300 kcmil-4 AWG	250 LB-IN
G	2/0 - 6 AWG	90 LB-IN
NEUTRAL AND EQPT GROUND BAR		
SMALL TERMINALS	10 - 14 AWG	20 LB-IN
	8 AWG	25 LB-IN
	6 AWG	35 LB-IN
LARGE TERMINALS	10 - 14 AWG	35 LB-IN
	8 AWG	40 LB-IN
	1/0 - 6 AWG	45 LB-IN
ECLK2SC NEUTRAL LUG KIT	2/0 - 6 AWG	50 LB-IN
MAIN LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-IN

EQUIPMENT GROUND BAR
TERMINALS ARE SUITABLE FOR THE FOLLOWING WIRE COMBINATIONS:
SMALL TERMINALS: ONE 14 TO 6 AWG CU; ONE 12 TO 6 AWG AL; TWO 14 AWG CU; TWO 12 AWG CU; TWO 12 AWG AL SOLID WIRES.
LARGE TERMINALS: ONE 14 TO 2 AWG CU; ONE 12 TO 2 AWG AL; TWO OR THREE 14 AWG CU; TWO OR THREE 12 AWG CU OR AL; TWO 10 AWG CU; TWO OR THREE 10 AWG AL; THREE 10 AWG CU SOLID WHEN TORQUED TO 50 LB-IN; THREE 10 AWG CU STRANDED.

MAXIMUM BREAKER SIZE WHEN USING 75°C WIRE
LEFT SIDE: CU 100A, AL 70A
RIGHT SIDE: CU 60A, AL 50A

ACCESSORIES

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
ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	QF3
BREAKER HOLD-DOWN	ECMBR2
SURF. MOUNT SPACER KIT	ECSMK1
ARC FLASH LABEL	ECAFL
GROUND BAR KITS - USE "LX" SERIES	

ACCEPTABLE GUTTER TAP KITS	AL/CU WIRE RANGE MAIN	TAP
ECRLK250 (LUGS & COVERS)	250 kcmil - 1/0 AWG	250 kcmil - 6 AWG
ILSCO: (3) EACH OF: GTA250-250 LUG GTC250-350 COVER	250 kcmil - 1/0 AWG	250 kcmil - 6 AWG
ILSCO: (3) EACH OF: GTA500-500 LUG GTC500 COVER	500 - 350 kcmil	500 kcmil - 2 AWG

TAP KIT INSTALLATION
1.STRIP WIRE PER GAUGE ON PROTECTIVE COVER SPACING CUTS ABOUT 2-1/2" APART. MAKE MAIN AND TAP CONNECTIONS.
2.PLACE EACH CONNECTOR WITH WIRES INTO PROTECTIVE COVER.
3. SNAP PROTECTIVE COVER CLOSED.

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Riser Panel Load Centers

Description: 1 Phase, Indoor, 200A, AL Bus
30 Position, Main Lug Cut Sheet

KAM 3/23/17 | DO NOT SCALE DRAWING | Dwg No: 1IN_30_AL_RISER