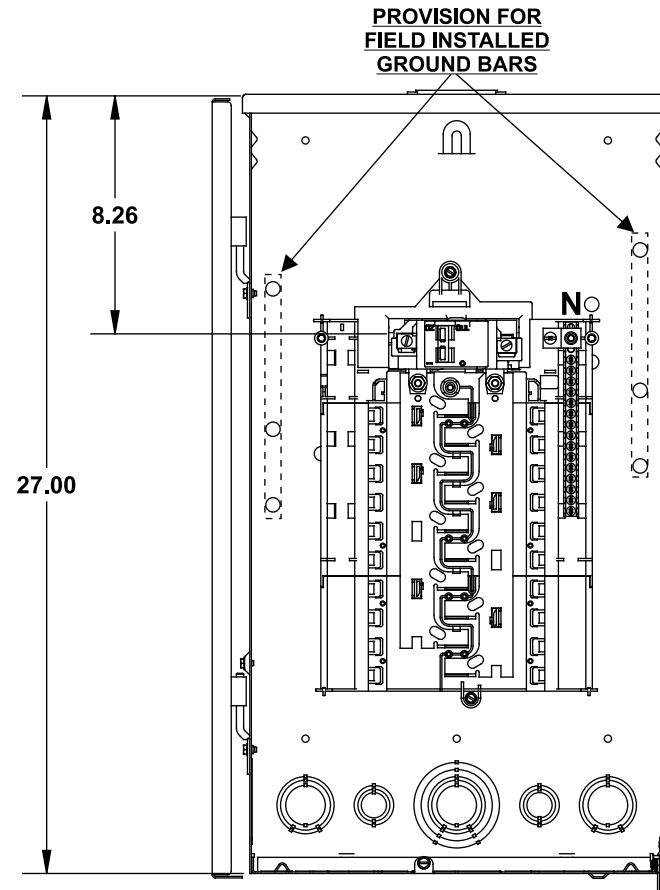


Catalog Numbers, Features and Ratings

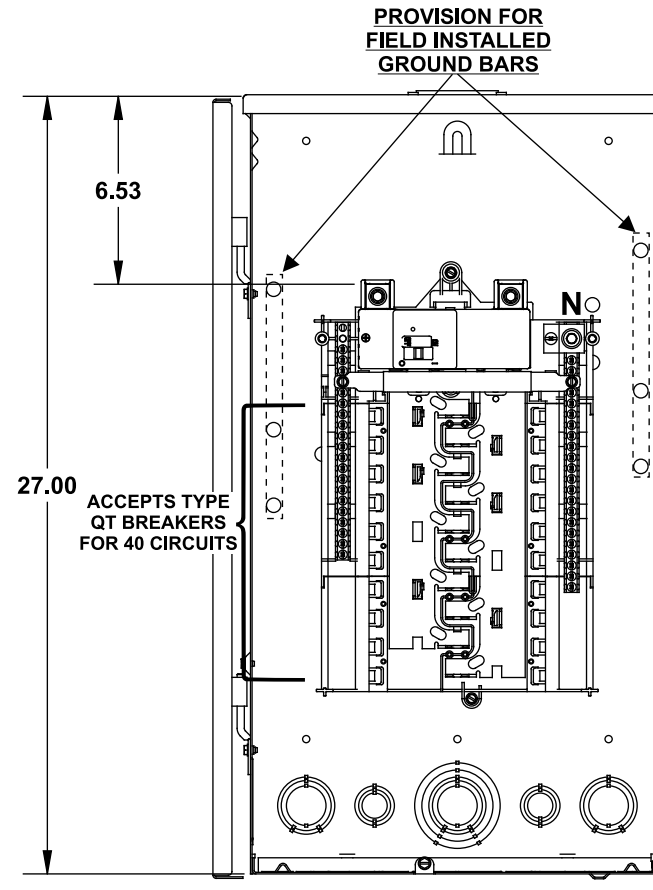
- 1 PHASE, 3 WIRE, 120/240V ~
- 22K AIC MAIN BREAKER FACTORY INSTALLED
(SEE WIRING DIAGRAM FOR DETAILS)
- CONVERTIBLE TO MAIN LUG
- TYPE N3R OUTDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED

Catalog Number	ENCLOSURE DIMS			Amps Max	Number Spaces	Number Circuits	Bus Bar Material	Bus Bar Plating	Percent Neutrals
	L	W	D						
SW2020B1100	27.00	14.25	3.88	100	20	20	Aluminum	Tin Plated	75%
SW2040B1200	27.00	14.25	3.88	200	20	40	Aluminum	Tin Plated	100%

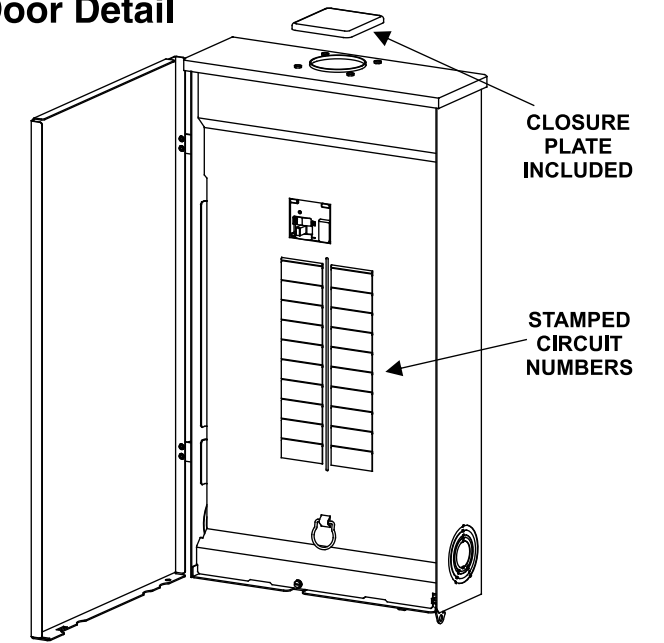
SW2020B1100



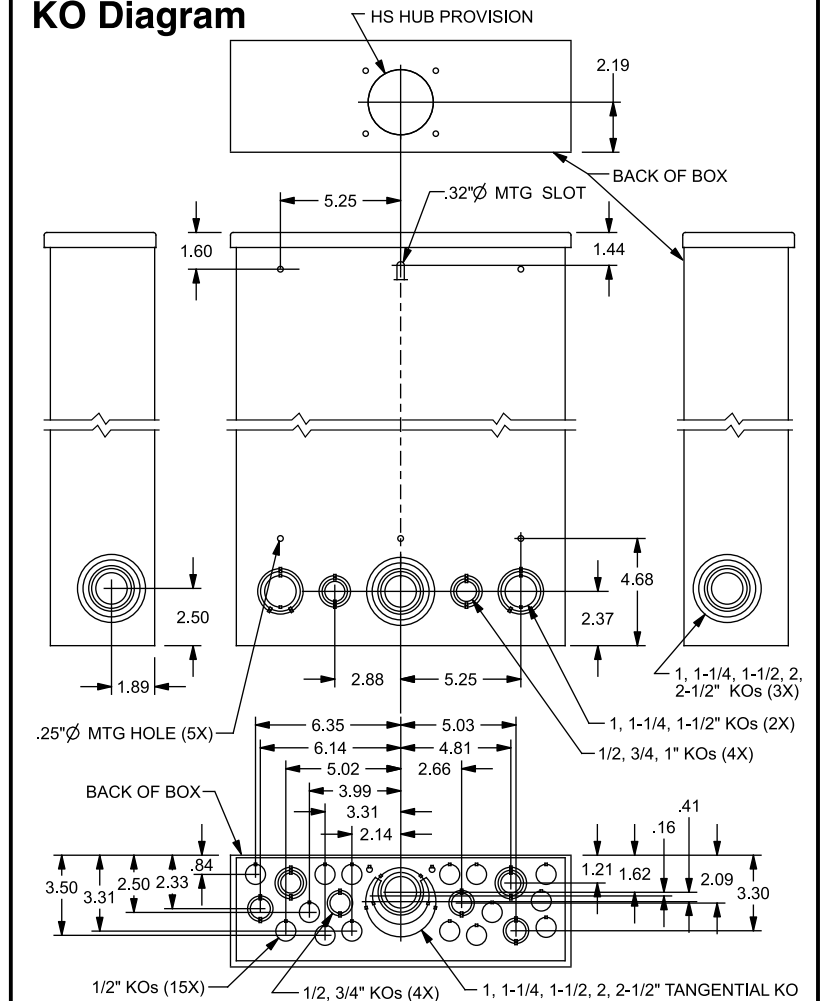
SW2040B1200



Trim/Door Detail



KO Diagram



TERMINAL WIRE SIZES AND TORQUES

SW2020B1100

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

TERMINALS	WIRE	TORQUE
N	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
MAIN BREAKER	3/0 AWG CU; 250 kcmil AL MAX.	275 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	2/0-2 AWG	45 LB-INS
ECLK2 NEUTRAL LUG KIT	2/0-4 AWG	135 LB-INS
MAIN LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-INS
BONDING SCREW		45 LB-INS

SW2040B1200

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	3/0 AWG CU; 250 kcmil AL MAX.	275 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	2/0-2 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

CONDUIT HUBS	
TRADE SIZE	CAT. NO.
1 INCH	ECCHS100
1-1/4 INCH	ECCHS125
1-1/2 INCH	ECCHS150
2 INCH	ECCHS200
2-1/2 INCH	ECCHS250

ACCESSORIES	
DESCRIPTION	CAT. NO.
FILLER PLATE, 1"	QF3
BREAKER HOLD-DOWN	ECMBR2
MAIN BREAKER FILLER PLATE	ECMBF125
BONDABLE GROUND LUG	ECLKB1
SUBFEED LUG KIT	ECLK2125 ECLK2225
ARC FLASH LABEL	ECAFL

ACCESSORIES

REFER TO WIRING DIAGRAM FOR
CORRECT ACCESSORY USAGE

MAIN LUG / MAIN BREAKER KITS

DESCRIPTION	CAT. NO.
100 AMP MAIN BREAKER	MBK100A
150 AMP MAIN BREAKER	MBK150A
200 AMP MAIN BREAKER	MBK200A
100-125 AMP MAIN LUG	ECMLK125
150-225 AMP MAIN LUG	ECMLK225

GROUND BAR KITS

DESCRIPTION	CAT. NO.
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, Outdoor,
20-24 Position, Main Breaker Cut Sheet**

KAM 6/20/11 DO NOT SCALE DRAWING Dwg No: 10D 20-24 ES MB