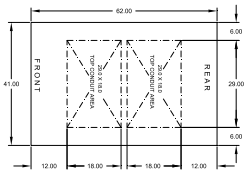
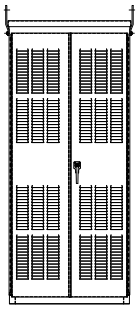
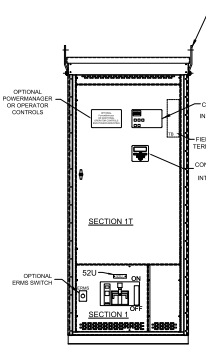


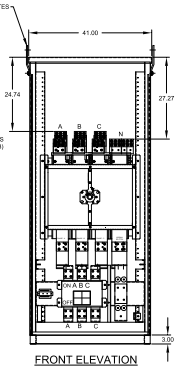
TOP VIEW



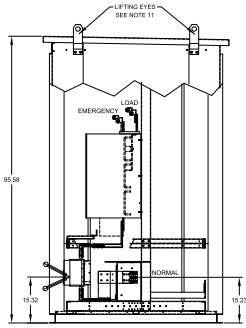
FRONT VIEW



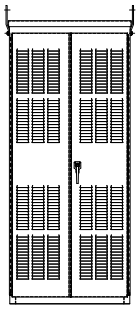
FRONT VIEW
WITHOUT EXTERIOR DOORS



FRONT ELEVATION
INTERIOR VIEW



RIGHT SIDE VIEW



REAR VIEW

GENERAL NOTES

1. TYPE 3R ENCLOSURE. FREE STANDING. FLOOR MOUNTED. CODE GAUGE FORMED STEEL FRAME CONSTRUCTION.
2. FRONT DOOR HAS A STAINLESS STEEL, PADLOCKABLE HANDLE.
4. FINISH: TYPE 3R: ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
   TYPE 3RX (R): EXTERIOR CONSTRUCTED OF CODE GAUGE TYPE 304 STAINLESS STEEL.
   TYPE 3RX (S): EXTERIOR CONSTRUCTED OF CODE GAUGE TYPE 316 STAINLESS STEEL.
4. RECOMMENDED CLEARANCES:
   FRONT: 38 INCHES
   REAR: 38 INCHES
5. ALL BUS IS SILVER-PLATED COPPER, BASED ON 1000A PER SQ. IN. DENSITY.
6. A FULL RATED NEUTRAL CONNECTION FOR EACH SOURCE AND THE LOAD IS OPTIONAL. WHEN PROVIDED IT IS IN ONE OF THE FOLLOWING FORMATS AS SPECIFIED BY THE CATALOG NO. NEUTRAL TYPE:
   A. SOLID (COPPER BUS) NEUTRAL (SHOWN)
   B. SWITCHED NEUTRAL POLE
   C. OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON 7ACUS/7ADUS UNITS)
7. DESIGNED FOR FRONT AND REAR ACCESS
8. EXTERIOR VENTS:
   1000A - 1200A : NO VENTS.
   1600A - 2000A : VENTS ARE SUPPLIED WITH POLYESTER DUST FILTERS.
9. FOR SPECIFIED TRANSFER SWITCH, REFER TO OPERATOR'S MANUAL PROVIDED WITH UNIT.
10. SECTION 1 & SECTION 1T SHIP AS 1 UNIT.
11. PROVIDED WITH REMOVABLE LIFTING EYES.
12. LIFTING PLATES: SECTIONS ARE SUPPLIED WITH LIFTING PLATES. INSPECT PLATES FOR DAMAGE AND TORQUE BOLTS TO 45 FT LBS BEFORE USE. REFER TO ANSI/NEMA PB 2.1 FOR PROPER HANDLING OF EQUIPMENT. AFTER INSTALATION OF SECTION, REMOVE LIFTING PLATES. REINSTALL BOLTS INTO EXTERIOR HOLES AND TORQUE TO APPROXIMATELY 20 FT LBS.

SPECIFICATIONS

1. SERVICE VOLTAGE:
   SYSTEM RATING: 1000 AMPS, 1200 AMPS, 1600 AMPS, 2000 AMPS, 3Ø, 4W OR 1Ø 3W.
   GROUND BUS- 600 AMPS
   SHORT CIRCUIT RATING- 65,000 RMS SYM AMPERES @ 480V.
   THE EMERGENCY SOURCE INPUT MUST BE PROTECTED BY A REMOTE OVERCURRENT PROTECTION DEVICE AS LISTED ON THE MARKINGS ON THE TRANSFER SWITCH.
2. NEUTRAL BUS: 100% NEUTRAL BUS PROVIDED
3. APPLICABLE LABELS: U.L. 891- SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.

CABLING NOTES

1. ALL SIZES SUPPLIED STANDARD WITH MECHANICAL (SCREW TYPE) LUGS.
   A. LUG MATERIAL: ALUMINUM ALLOY 6061-T6 WITH ELECTRO TIN PLATED FINISH.
   B. SCREW MATERIAL: ALUMINUM ALLOY 6262-T9 WITH ELECTRO TIN PLATED FINISH.
   C. UL LISTED, CSA CERTIFIED.
   D. LUG SCREW TIGHTENING TORQUE PER UL 486B: 19 FT-LBS.
   E. SUITABLE WIRE BENDING SPACE IS PROVIDED.
2. OPTIONAL COPPER CRIMP LUGS MAY BE SUPPLIED.
   A. LUG MATERIAL: HIGH CONDUCTIVITY WROUGHT COPPER FINISH, ELECTRO TIN PLATED.
   B. UL LISTED, CSA CERTIFIED.
   C. LUG MOUNTING HARDWARE TIGHTENING TORQUE: (REFER TO WITHSTAND CURRENT RATING LABEL PROVIDED ON EACH TRANSFER SWITCH).
   D. SUITABLE WIRE BENDING SPACE IS PROVIDED.
3. CONSULT FACTORY FOR OTHER TERMINATION REQUIREMENTS.

NOTES 1000-1200 AMPS

1. SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS ON THE NORMAL, EMERGENCY & LOAD BUS STABS. ONE (1) LUG PER PHASE AND NEUTRAL EACH SUITABLE FOR CONNECTION OF FOUR (4) 1/0 AWG-600MCM CU/AL CABLE (SEE NOTE "A" BELOW).
   A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER THE NEC.
2. OPTIONAL COPPER CRIMP LUGS MAY BE SUPPLIED. UP TO SIX (6) TWO HOLE, LONG BARREL CU CRIMP LUGS RATED FOR UP TO 600MCM. (REFER TO CRIMP LUG INSTALLATION DATA PROVIDED WITH UNIT FOR FULL INSTALLATION DETAILS).
3. GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS;
   (12) 1/0 - 750MCM CU/AL CABLE

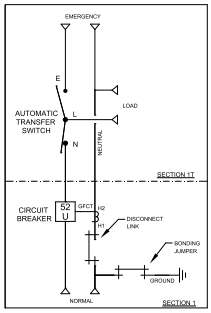
NOTES 1600-2000 AMPS

1. SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS ON THE NORMAL, EMERGENCY & LOAD BUS STABS. ONE (1) LUG PER PHASE AND NEUTRAL EACH SUITABLE FOR CONNECTION OF SIX (6) 1/0 AWG-600MCM CU/AL CABLE (SEE NOTE "A" BELOW).
   A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER THE NEC.
2. OPTIONAL COPPER CRIMP LUGS MAY BE SUPPLIED. UP TO SIX (6) TWO HOLE, LONG BARREL CU CRIMP LUGS RATED FOR UP TO 600MCM. (REFER TO CRIMP LUG INSTALLATION DATA PROVIDED WITH UNIT FOR FULL INSTALLATION DETAILS).
3. GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS;
   (18) 1/0 - 750MCM CU/AL CABLE

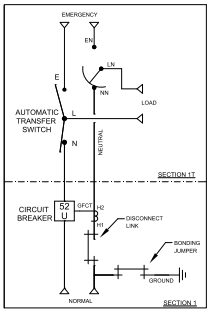
CIRCUIT BREAKER: ITEM 52U

1. SQUARE "D" 80% RATED, TYPE 'RJF', 3000AF/1000AT, 3000AF/1200AT, 3000AF/1600AT, 3000AF/2000AT STATIONARY MOUNTED, MANUALLY OPERATED.
   WITH LONG DELAY, SHORT DELAY, INSTANTANEOUS AND GROUND FAULT TRIP SETTINGS.
   65,000 @ 480V.
2. OPTIONAL 100% RATED BREAKER MAY BE SUPPLIED.
3. OPTIONAL ENERGY REDUCTION MAINTENANCE SETTING (ERMS) SYSTEM MAY BE SUPPLIED.

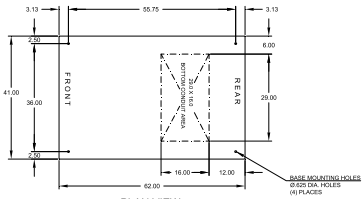
ONE LINE DIAGRAMS



(WITH SOLID NEUTRAL)



(WITH SWITCHED/OVERLAPPING NEUTRAL)



PLAN VIEW

J	298602	BS	RN	11/13/15
	SEE ECN			
H	295006	RN		5-27-15
	SEE ECN			
G	252071	AE	RN	1/05/15
	SEE ECN			
F	248105	VAK	RN	
	SEE ECN			
E	240309	RBR	RN	12/18/12
	NEW ISSUE			
D	221838	LK	RN	05/03/11
	SEE ECN			
C	221425	DF	RN	1/15/09
	ADDED "80% RATED"			
B	218100	AE	WK	09/23/08
	SEE ECN			
A	213060	RN		4-25-07
	SEE ECN			
K	261842	RG	RN	07/05/16
	SEE ECN			

PROJECT NAME	REV. TO SHEET	ECN NO.	BY	APP	DATE

OUTLINE — MOUNTING

GAUS 1000A - 2000A, RJF SE BREAKER

TYPE 3R/3RX 95.5 X 41 X 62 SECTION 1 & 1T

THIRD ANGLE PROJECTION

	BY	DATE
DRAWN BY	SG	10/29/13
CHECKED	RN	
APPROVAL		
FINAL APPROVAL		

MANUFACTURING TOLERANCES TO BE AS ACCEPTABLE WITH ASCO PROCEDURE MP1-002 FOR PLANTS PER SE MP1-004

ASSEM. REF. NO.

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COMPUTER GENERATED DRAWING

SCALE NONE | SIZE DS

DWG NO. 754577-050

DRAWING REV. K | REV. DATE 261842 | SHEET 1 OF 1