

D

C

B

A


D

C

B

A

GENERAL NOTES

- TYPE 1 ENCLOSURE. FREE STANDING. FLOOR MOUNTED. CODE GAUGE STEEL.
- NEC STANDARD GAUGE PAN TYPE DOORS WITH LOCKABLE HANDLES AND REMOVABLE COVERS.
- FINISH: ASA 61 GRAY, POLYESTER POWDER. UL RECOGNIZED.
- CONSTRUCTION IS IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF UL 1008.
- PADLOCKING PROVISIONS ARE INCLUDED:
SWITCH IN THE FULLY ISOLATED (DISCONNECTED POSITION).
ISOLATION CRANK: THE TRANSFER SWITCH ISOLATION CRANK MAY BE PADLOCKED WITH THE TRANSFER
- UNIT CAN BE ADAPTED FOR CONNECTION OF BUS DUCT FLANGES. (CONSULT FACTORY)
- RECOMMENDED CLEARANCES: FRONT 48.00" [1219mm] & REAR 36.00" [914mm].
- A 20% RATED GROUND BUS IS PROVIDED AT THE BOTTOM REAR OF THE CABLE COMPARTMENT.
- 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. NUETRAL TYPE;
A. SOLID NEUTRAL BUS
B. SWITCHED NEUTRAL POLE
C. OVERLAPPING NEUTRAL POLE
- THE STANDARD SWITCH CONFIGURATION ISD FOR TOP EMERGENCY, CENTER LOAD, AND BOTTOM NORMAL. OPTIONALLY, THE SWITCH MAY BE SUPPLIED WITH REVERSE SOURCES (REFER TO THE WIRING DIAGRAM FURNISHED WITH EACH TRANSFER SWITCH TO DETERMINE TERMINATION POSITIONS).
-  CENTER OF GRAVITY

TERMINATIONS

- 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. SUITABLE WIRE BENDING SPACE IS PROVIDED.
- 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.
- CONSULT FACTORY FOR OTHER TERMINATION REQUIREMENTS.

CABLING NOTES 1000 AMPS – 1200 AMPS

- SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS ON NORMAL, EMERGENCY, AND LOAD BUS STABS. ONE (1) LUG PER PHASE AND NEUTRAL EACH SUITABLE FOR CONNECTION OF FOUR (4) 1/0 AWG-600MCM CU/AL CABLE.
A. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO FOUR (4) 600MCM CABLES PER TERMINAL PER NEC.
- OPTIONAL COPPER CRIMP LUGS MAY BE SUPPLIED. UP TO FOUR (4) 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).
A. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO FOUR (4) 600MCM CABLES PER TERMINAL PER NEC.
- GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS;
(12) 1/0 – 750MCM CU/AL CABLE

CABLING NOTES 1600 AMPS – 2000 AMPS

- SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS ON NORMAL, EMERGENCY, AND 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 FOR UP TO SIX (6) 600MCM CABLES PER TERMINAL PER NEC.
- 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).
A. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO SIX (6) 600MCM CABLES PER TERMINAL PER NEC.
- GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS;
(18) 1/0 – 750MCM CU/AL CABLE

DETAIL (LOAD)

1000/2000 A
AVAILABLE CONTACT AREA
IF CUSTOMER BUSSSES
TO "LOAD" TERMINALS
CAN BE REMOVED FOR
BUSS CONNECTIONS

DETAIL (E & N)

1000 – 1200 AMP
FOR BUSS PLATE
AVAILABLE CONTACT AREA

DETAIL (E & N)

1600 – 2000 AMP
FOR BUSS PLATE
AVAILABLE CONTACT AREA

FRONT VIEW

RIGHT SIDE VIEW

PLAN VIEW

NOTE:
TRANSFER SWITCHING DEVICE CAN BE
IN FULLY ISOLATED (DISCONNECTED)
POSITION WITH DOOR CLOSED.

PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
OUTLINE		MOUNTING				
GATB 1000A-2000A						
TYPE 1, 91 x 38 x 60						
DRAWN BY	BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055		ASSEM. REF. NO.	
CHECKED	SM	08-18-13	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		COMPUTER GENERATED DRAWING	
PROJECT APPROVAL			SCALE 3/32"=1"		SIZE DS	
FINAL APPROVAL			DWG. NO. 617441		DRAWING L	
			REV. NO. 289897		SHEET 1 OF 1	