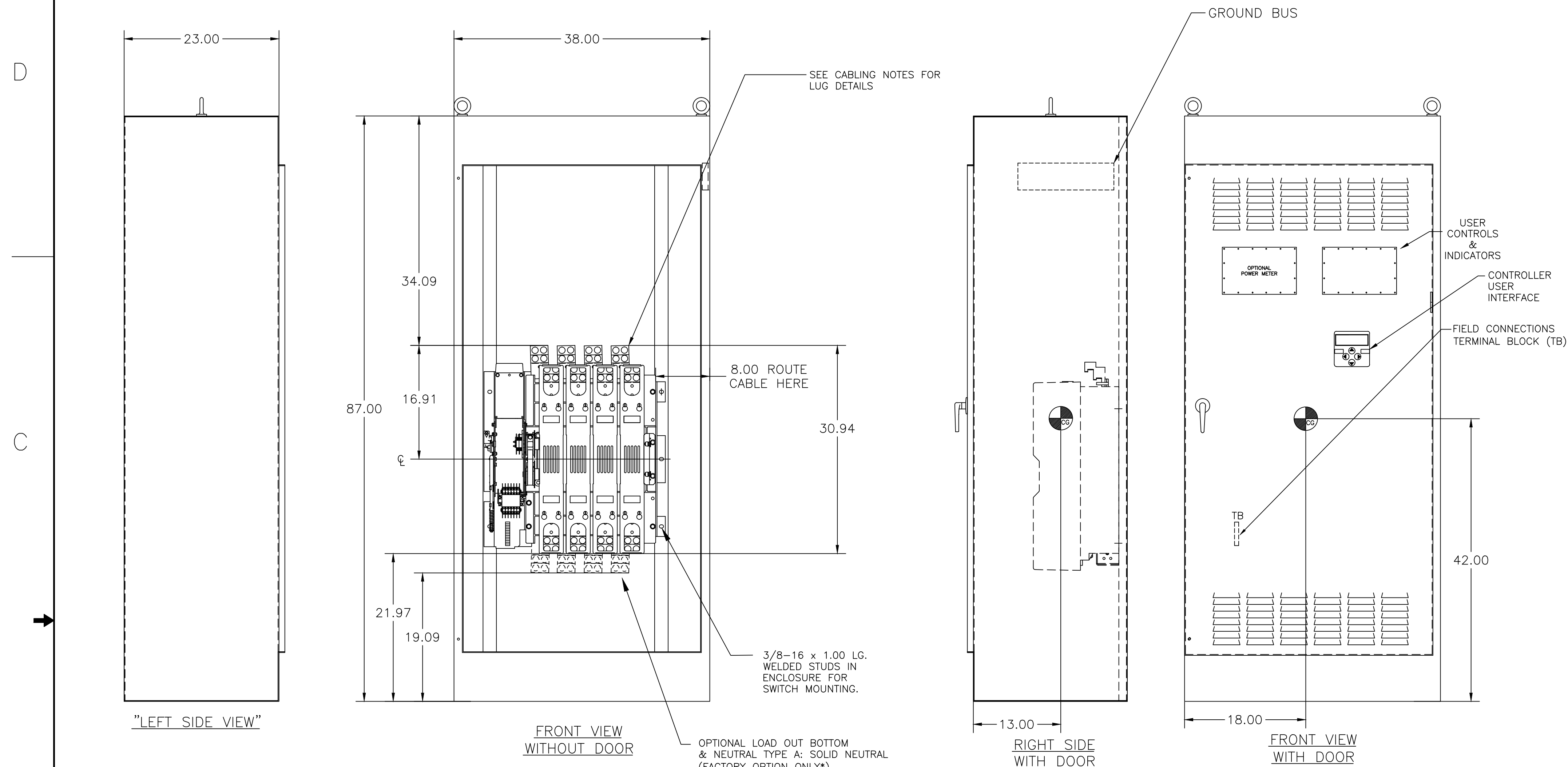


OUTLINE FOR ASCO® 300 SERIES 1200 AMPERE "H" FRAME (H3ATS,H3NTS,H3ADTS,H3NDTS) FRONT CONNECTED TRANSFER SWITCHES TYPE 1 ENCLOSURE



GENERAL NOTES

1. TYPE 1 ENCLOSURE, FREE STANDING. FLOOR MOUNTED. CODE GAUGE FORMED FRAME CONSTRUCTION.
2. NEC STANDARD GAUGE PAN TYPE DOOR WITH LOCKABLE HANDLE.
3. FINISH: ANSI 61 GRAY, POLYESTER POWDER STANDARD. OTHER ANSI COLORS AVAILABLE CONSULT FACTORY UL RECOGNIZED.
4. RECOMMENDED CLEARANCES: FRONT: 38 INCHES
5. A 20% RATED GROUND BUS IS PROVIDED.
6. UNIT IS DESIGNED FOR COMBINATION TOP AND BOTTOM CABLE ENTRY. THE STANDARD SWITCH CONFIGURATION IS FOR TOP LUGS EMERGENCY AND LOAD AND BOTTOM LUGS NORMAL. OPTIONALLY, THE SWITCH MAY BE SUPPLIED WITH REVERSE NORMAL & EMERGENCY LUGS. (REFER TO THE WIRING DIAGRAM FURNISHED WITH EACH TRANSFER SWITCH TO DETERMINE TERMINATION POSITIONS).
7. NEUTRAL CONFIGURATIONS:
AN OPTIONAL FULL RATED NEUTRAL CONFIGURATION FOR EACH SOURCE AND THE LOAD MAY BE PROVIDED. WHEN EQUIPPED IT IS IN ONE OF THE FOLLOWING FORMATS AS SPECIFIED BY THE CATALOG NUMBER NO. NEUTRAL TYPE:
(A) SOLID (COPPER BUS) NEUTRAL
(B) SWITCHED NEUTRAL POLE

CABLING NOTES

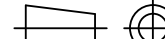
1. ALL SIZES SUPPLIED STANDARD WITH MECHANICAL (SCREW TYPE) LUGS. (SEE AMP SIZE BELOW)
 - A. LUG MATERIAL: ALUMINUM ALLOY 6061-T6 WITH ELECTRO TIN PLATED FINISH.
 - B. SCREW MATERIAL: ALUMINUM ALLOY 6262-T9 WITH ELECTRO TIN PLATED FINISH.
 - C. UL LISTED, CSA CERTIFIED.
 - D. LUG SCREW TIGHTENING TORQUE PER UL 486B: 19 FT.-LBS.
 - E. SUITABLE WIRE BENDING SPACE IS PROVIDED. (SEE AMP SIZE BELOW)
2. OPTIONAL COPPER CRIMP LUGS MAY BE SUPPLIED. (SEE AMP SIZE BELOW)
 - 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. (SEE AMP SIZE BELOW)
3. CONSULT FACTORY FOR OTHER TERMINATION REQUIREMENTS.
4. CONDUIT LUGS ARE PROVIDED STANDARD AS FOLLOWS. (SEE AMP SIZE BELOW).

NOTES 1200 AMP SWITCHES

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 - 750MCM CU/AL CABLE (SEE NOTE "E" BELOW).
 - A. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO FOUR (4) 600MCM CABLES PER TERMINAL PER NEC.
2. 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.
3. GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS;
(12) 1/0 - 750MCM CU/AL CABLE CONNECTIONS.

APPROXIMATE SHIPPING WEIGHT, LBS (KG)

SWITCH RATING (AMPS)	POLES	WEIGHTS LB (KG)
1200	2	581 (264)
1200	3	610 (277)
1200	4	639 (290)

						245452		WK	BK	11/20/13
						ISSUED				
PROJECT NAME:		REV. TO SHEET		ECN NO.		BY		APP.		DATE
OUTLINE								 THIRD ANGLE PROJECTION		
300 SERIES										
1200 AMP. TYPE 1										
BY		DATE		MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055		ASSEM. REF. NO.		COMPUTER GENERATED DRAWING		
DRAWN BY	DJB	11/20/13						SCALE NONE SIZE DS		
CHECKED	BK	11/20/13		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR YOUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.				DWG. NO. 1001394-001		
PROJECT APPROVAL	BK	11/20/13						DRAWING — ECN 245452 SHEET OF 1		
FINAL APPROVAL										