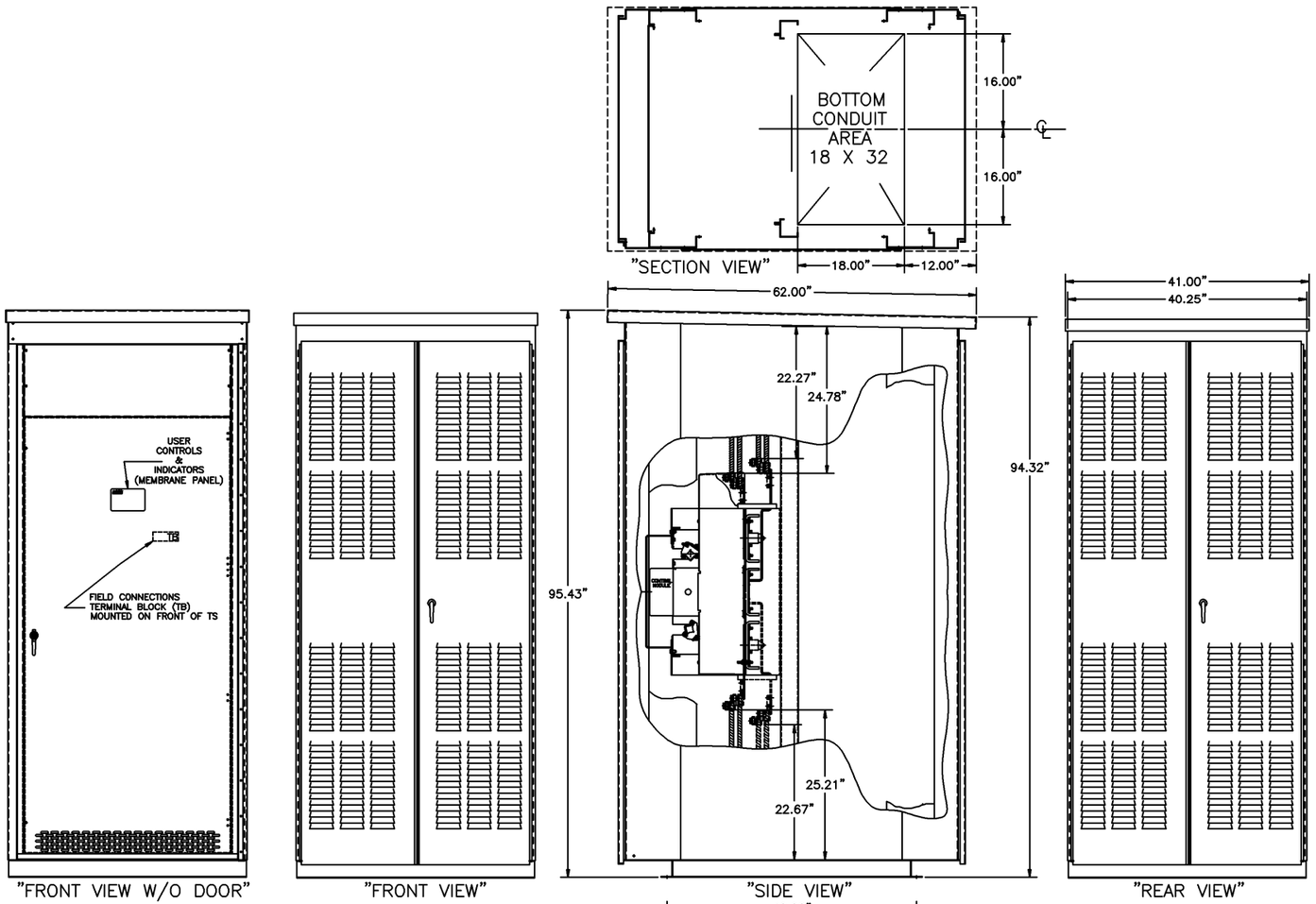
OUTLINE FOR ASCO® 300 & 386 SERIES 1600-2000 AMPERE "G" FRAME FRONT CONNECTED TRANSFER SWITCH TYPE 3R SECURE ENCLOSURE



GENERAL NOTES

1. TYPE 3R RAINPROOF 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. CONSTRUCTION IS IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF UL 1008.
5. RECOMMENDED CLEARANCES:
   FRONT: 31 INCHES
   REAR: 31 INCHES
6. A 20% RATED GROUND BUS IS PROVIDED AT THE REAR OF THE ENCLOSURE.
7. UNIT IS DESIGNED FOR BOTTOM CABLE ENTRY.
8. 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
   (C) OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON ACTS/ADTS UNITS)
9. ◕ CENTER OF GRAVITY
10. NO KNOCKOUTS ARE PROVIDED.
11. EXTERIOR VENTS ARE SUPPLIED WITH POLYESTER DUST FILTERS.

CABLING NOTES FOR 1600–2000

1. ALL SIZES SUPPLIED STANDARD WITH 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) 750MCM – 1/0 CU/AL CABLE (SEE NOTE "E" 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 FOR UP TO SIX (6) 750MCM CABLES PER TERMINAL PER NEC.
2. CONSULT FACTORY FOR OTHER TERMINATION REQUIREMENTS.
3. GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS;
   (18) 750MCM – 1/0 CU/AL CABLE

REV. TO SHEET	ECN NO.	BY	APP.	DATE
H	231920 SEE ECN	LK	RN	05/06/11
G	222765 SEE ECN	KH	WK	05/06/09
F	216681 SEE ECN	TR	WK	1/14/08
E	215158 SEE ECN	WK	BK	09/19/07
D	212235 SEE ECN	KH	BK	2/28/07
C	211297 SEE ECN	BK	BK	12/15/06
B	207515 SEE ECN	MM	BK	02/07/06
A	205348 SEE ECN	WK	BK	07/28/05
—	161664 ISSUE	TR	WK	9/18/02

PROJECT NAME:

COMPOSITE 300/386 SERIES — OUTLINE

THIRD ANGLE PROJECTION

	BY	DATE
DRAWN BY	DJB	09/18/02
CHECKED	WK	09/18/02
PROJECT APPROVAL	WK	09/18/02
FINAL APPROVAL		

MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-065

ASSEM. REF. NO.

COMPUTER GENERATED DRAWING

SCALE 1:1 | SIZE DS

DWG. NO. 609798–005

DRAWING REV. H | ECN NO. ECN 231920 | SHEET 1 OF 1

ASCO® ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.