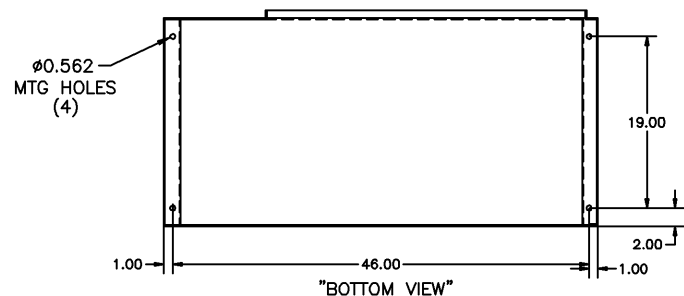
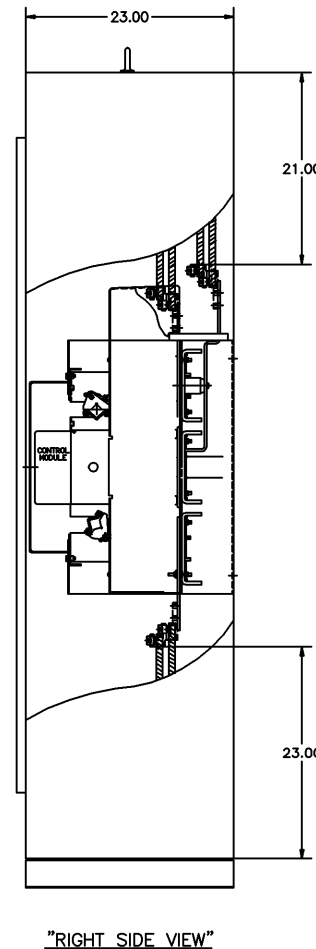
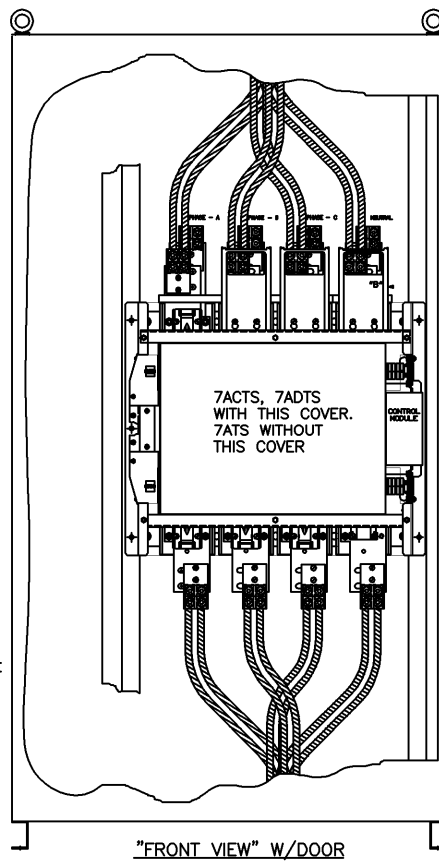
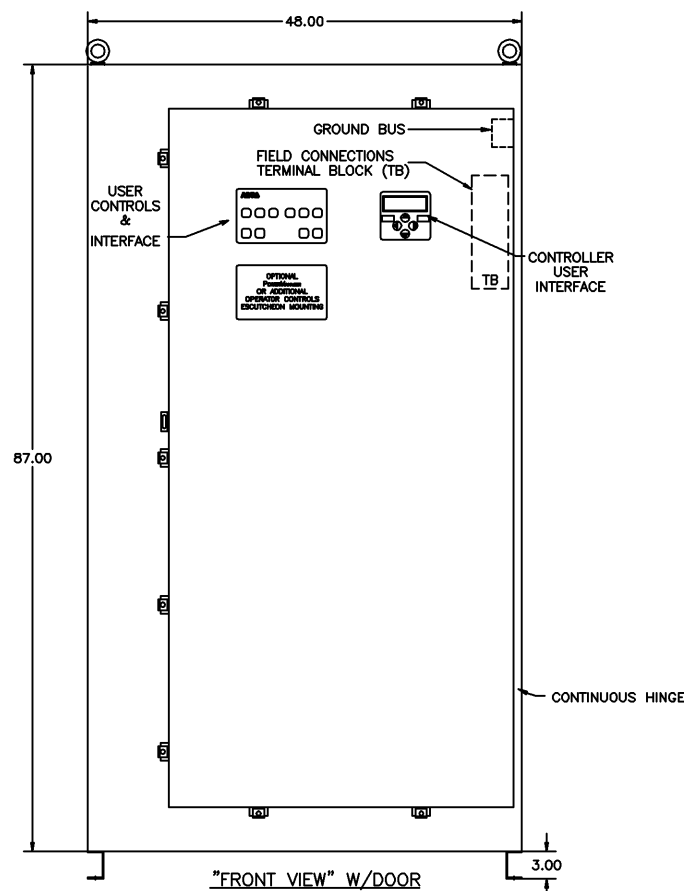
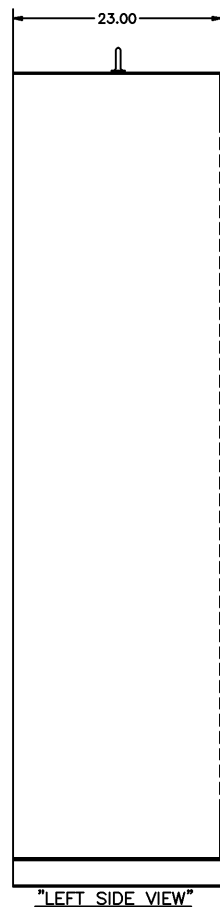
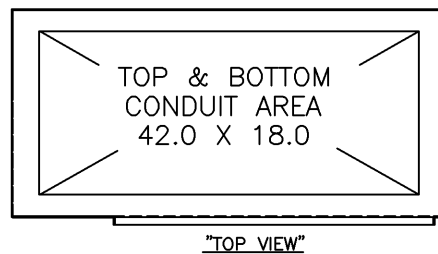


COMPOSITE OUTLINE FOR **ASCO** 7000 SERIES (7ATS, 7ACTS, 7ADTS) 1000-1600 AMPERE TRANSFER SWITCHES



GENERAL NOTES

- TYPE 4X ENCLOSURE. FREE STANDING. FLOOR MOUNTED. 12 GAUGE SS FORMED FRAME CONSTRUCTION.
- NEC STANDARD GAUGE PAN TYPE DOOR WITH LOCKABLE HANDLE.
- FINISH: STAINLESS STEEL.
- CONSTRUCTION IS IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF UL 50 & 100B.
- RECOMMENDED CLEARANCES:
FRONT: 40 INCHES
- A 20% RATED GROUND BUS IS PROVIDED.
GROUNDING CONDUCTORS MAY BE ROUTED ALONG THE LEFT SIDE OF THE ENCLOSURE ONLY.
- UNIT IS DESIGNED FOR COMBINATION TOP AND BOTTOM CABLE ENTRY. THE STANDARD SWITCH CONFIGURATION IS FOR TOP ENTRY EMERGENCY & LOAD AND BOTTOM ENTRY NORMAL. OPTIONALLY, THE SWITCH MAY BE SUPPLIED WITH REVERSE SOURCES AND/OR BOTTOM ENTRY LOAD.
- 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
B. SWITCHED NEUTRAL POLE
C. OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON 7ADTB UNITS)
- NO KNOCKOUTS ARE PROVIDED FOR CUSTOMER USE.

CABLING NOTES

- 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)
- 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)
- CONSULT FACTORY FOR OTHER TERMINATION REQUIREMENTS.

NOTES 1000-1200 AMPS

- 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).
E. 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).
D. 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

NOTES 1600 AMPS

- 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 -750MCM CU/AL CABLE (SEE NOTE "E" BELOW).
E. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO SIX (6) 750MCM 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).
D. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO SIX (6) 600MCM CABLES PER TERMINAL PER NEC.
- GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS:
(12) 1/0 - 750MCM CU/AL CABLE

D	217083	AJM	BK	02/11/08
C	203617	CC	BK	03/05
B	161683	TR	WK	09/03/02
A	157951	WK	WK	6/14/01
-	155877	TR	WK	10/18/00
-				ISSUE

PROJECT NAME:		REV. TO SHEET	EDN NO.	BY	APP.	DATE
COMPOSITE OUTLINE						
TYPE 4X ENCLOSURE		THIRD ANGLE PROJECTION				
TS 1000-1600 AMP GRP 5						
BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005		ASSEMB. REF. NO.		
DJB	10/16/00					
CHECKED	DATE	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.				
WK	10/16/00					
FINAL APPROVAL		ASCO POWER TECHNOLOGIES, LP. FLORHAM PARK, NEW JERSEY 07932 U.S.A.				
DRAWING NO. 619586-009		SCALE: 1:1		SIZE: DS		
REV. D		EDN NO. 217063		SHEET 1 OF 1		