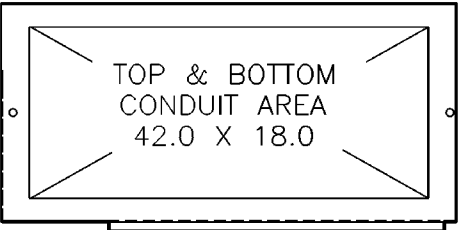
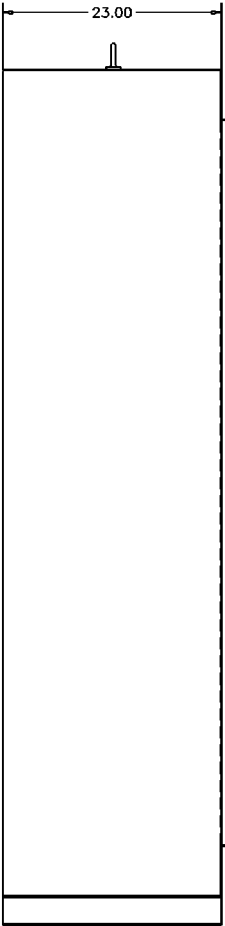


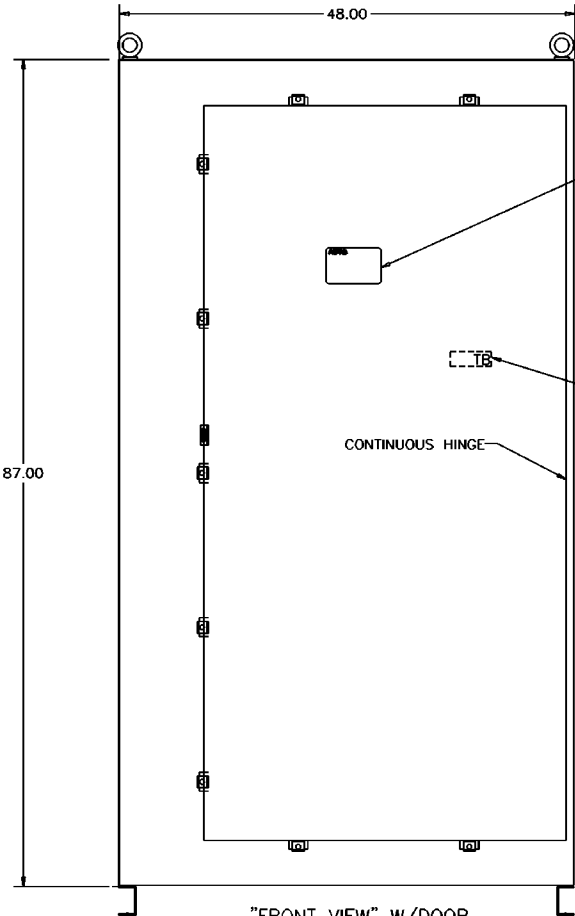
COMPOSITE OUTLINE FOR **ASCO** A300 1000-1600 AMPERE TRANSFER SWITCHES



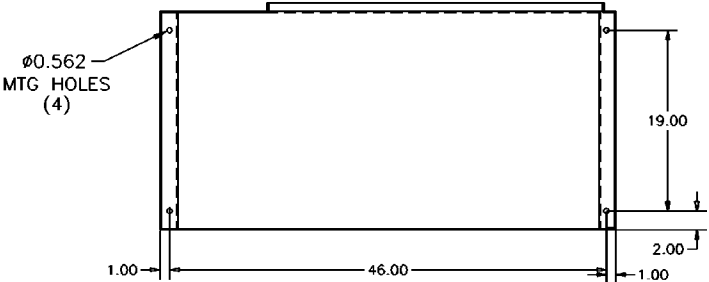
"TOP VIEW"



"LEFT SIDE VIEW"



"FRONT VIEW" W/DOOR



"BOTTOM VIEW"

GENERAL NOTES

1. TYPE 4 ENCLOSURE. FREE STANDING. FLOOR MOUNTED. 12 GAUGE FORMED FRAME CONSTRUCTION.
2. NEC STANDARD GAUGE PAN TYPE DOOR WITH LOCKABLE HANDLE.
3. FINISH: ANSI #61 GREY POLYESTER POWER. UL RECOGNIZED
4. CONSTRUCTION IS IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF UL 891.
5. RECOMMENDED CLEARANCES:

FRONT: 40 INCHES
6. A 20% RATED GROUND BUS PROVIDED.

7. UNIT IS DESIGNED FOR COMBINATION TOP AND BOTTOM CABLE ENTRY. THE SWITCH CONFIGURATION IS FOR TOP ENTRY EMERGENCY & LOAD BOTTOM ENTRY NORMAL.

IMPORTANT NOTE:
UNDER NO CIRCUMSTANCES SHOULD POWER CABLES BE ROUTED ALONG THE SIDES OF THE TRANSFER SWITCH. AN OPTIONAL CABLE PULL BOX WHICH MOUNTS ON THE LEFT SIDE OF THE ENCLOSURE IS AVAILABLE WHEN CONDITIONS EXIST FOR WHICH CABLES MUST RUN BETWEEN THE TOP AND BOTTOM OF THE UNIT. GROUND CONDUCTORS ONLY MAY BE RUN ALONG THE LEFT SIDEWALL OF THE ENCLOSURE.

8. SOLID (COPPER BUS) NEUTRAL IS PROVIDED STANDARD. A NEUTRAL SWITCHING POLE IS OPTIONAL.
9. NO KNOCKOUTS ARE PROVIDED.

CABLING NOTES

SIZE	CABLE ACCOMMODATIONS (PER PHASE & NEUTRAL)
1000-1200	SCREW TYPE (STANDARD)- (4) 1/0 - 750 MCM AL/CU
1600	SCREW TYPE (STANDARD)- (6) 1/0 - 750 MCM AL/CU

(SEE NOTE 'E' BELOW)

SUPPLIED WITH 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) 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.
- D. LUG SCREW TIGHTENING TORQUE PER UL 486B: 19 FT-LBS.
- E. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO SIX (6) 600MCM CABLES PER TERMINAL PER TABLE 373-6(b) OF NFPA 70 OF THE NEC.

PROJECT NAME:		157255 RR 4/3/01	
COMPOSITE OUTLINE		SEE ECN	
TYPE 4 ENCLOSURE		144740 YZ YZ 5/97	
TS 1000-1600 AMP		ISSUED	
CH	BY	DATE	APP.
YZ	5/97		
THIRD ANGLE PROJECTION		SUBSIDIARY DISTRIBUTION	
AE	AM	AM	AL
CH	AM	AA	PS
AG	AM	AC	AS
COMPUTER GENERATED DRAWING		SCALE 10:1 FILE A1	
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ECON 157255		SHEET 1 OF 1	