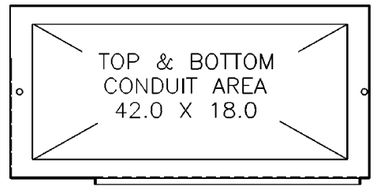
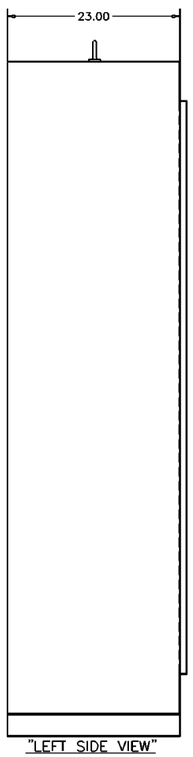
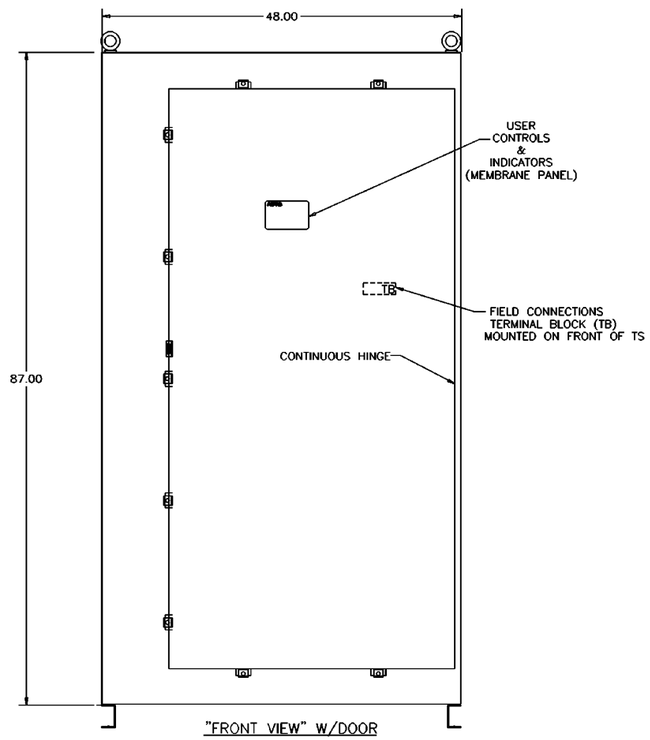
COMPOSITE OUTLINE FOR ASCO A300 1000–1600 AMPERE TRANSFER SWITCHES



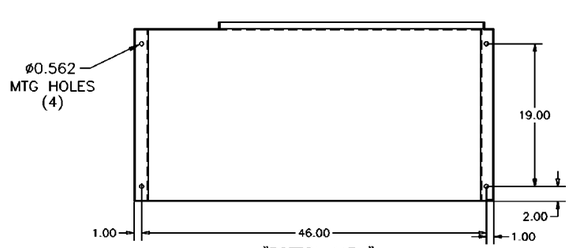
"TOP VIEW"



"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 AND 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 CONDUCTERS 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.

CHANGE LETTER	ECN NO.	BY	APP.	DATE
A	157255	RR		4/3/01
	SEE ECN			
—	144740	YZ	YZ	5/97
	ISSUED			

PROJECT NAME:

COMPOSITE OUTLINE
TYPE 4 ENCLOSURE
TS 1000–1600 AMP

THIRD ANGLE PROJECTION

	BY	DATE
DRAWN BY	YZ	5/97
CHECKED		
DRAFTING APPROVAL		
FINAL APPROVAL	YZ	5/97

MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP–1–003. FOR PLASTIC PARTS SEE MP–1–055

ASSEM. REF. NO.

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COMPUTER GENERATED DRAWING

SCALE 10:1 | FILE A1

SIZE | DWG. NO. DS609716–001

CHANGE LETTER A | ECN NO. 157255 | SHEET 1 OF 1