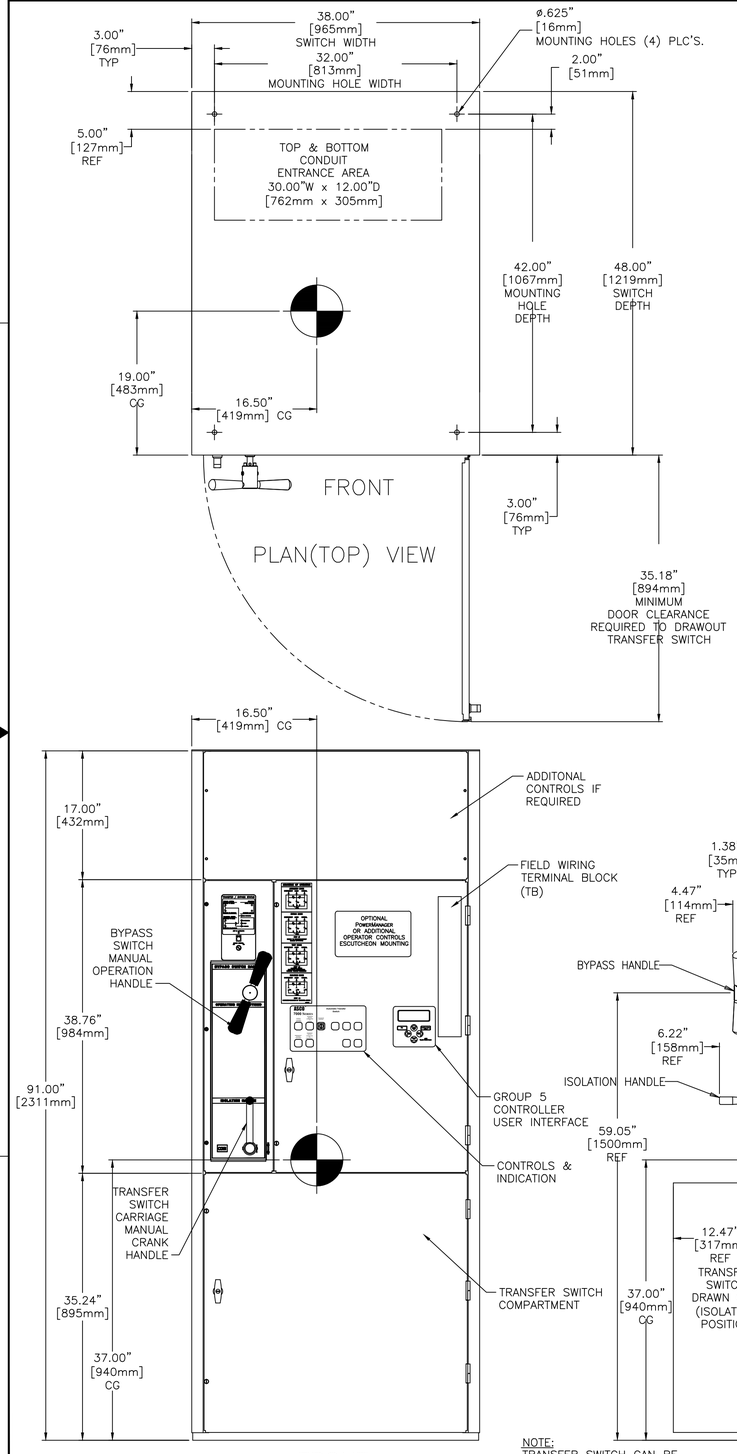
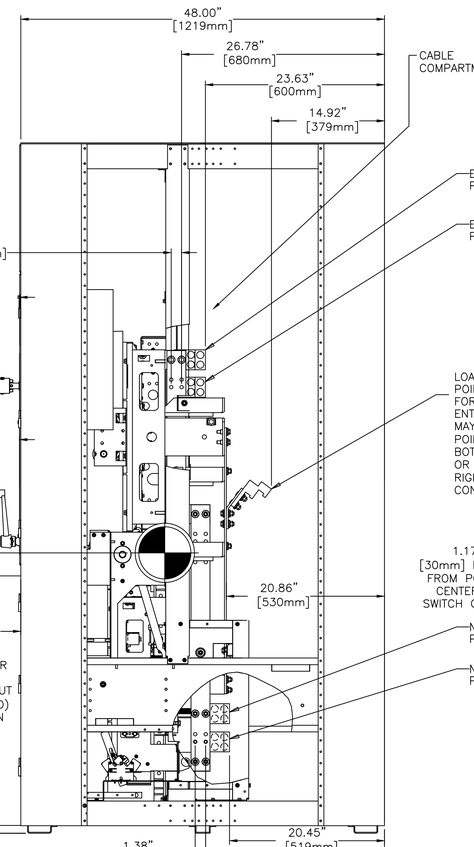
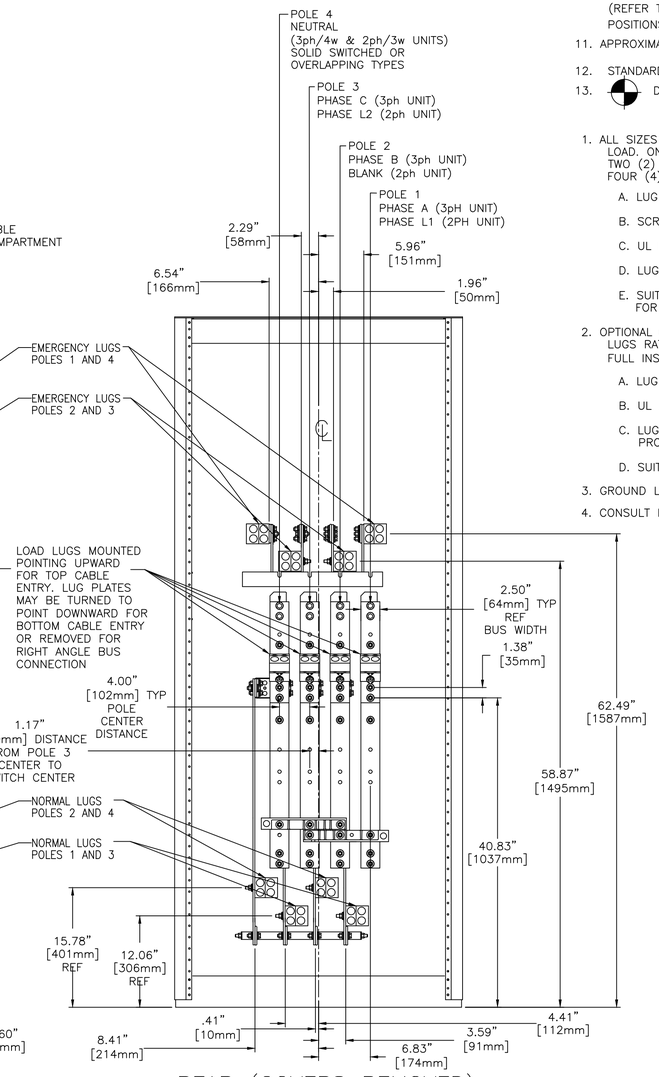
OUTLINE & MOUNTING FOR ASCO® 7000 SERIES AUTOMATIC TRANSFER & BYPASS-ISOLATION SWITCHES TYPES H7ATB, H7ACTB & H7ADTB RATED 600-1200 AMPS



NOTE:
TRANSFER SWITCH CAN BE IN FULLY ISOLATED (DISCONNECTED) POSITION WITH DOOR CLOSED.





GENERAL NOTES

1. TYPE 1 ENCLOSURE. FREE STANDING. FLOOR MOUNTED. 12 GAUGE FORMED FRAME CONSTRUCTION.
2. NEC STANDARD GAUGE PAN TYPE DOORS WITH LOCKABLE HANDLES AND REMOVABLE COVERS.
3. FINISH: ASA 61 GRAY, POLYESTER POWDER STANDARD. UL RECOGNIZED. OTHER ANSI COLORS AVAILABLE CONSULT FACTORY.
4. CONSTRUCTION IS IN ACCORDANCE WITH UL 1008.
5. PADLOCKING PROVISIONS ARE INCLUDED:
   ISOLATION HANDLE: THE TRANSFER SWITCH ISOLATION HANDLE MAY BE PADLOCKED WITH THE TRANSFER SWITCH IN THE FULLY ISOLATED (DISCONNECTED POSITION).
6. UNIT CAN BE ADAPTED FOR CONNECTION OF BUS DUCT FLANGES. (CONSULT FACTORY)
7. RECOMMENDED CLEARANCES:

   FRONT: 48.00" [1219mm]
   REAR: 36.00" [914mm]

8. A 20% RATED GROUND BUS IS PROVIDED AT THE BOTTOM REAR OF THE CABLE COMPARTMENT.
9. 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:

   TYPE A: SOLID NEUTRAL BUS

   TYPE B: SWITCHED NEUTRAL POLE

   TYPE C: OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON 7ADTB & 7ACTB UNITS)

10. THE STANDARD SWITCH CONFIGURATION IS FOR TOP EMERGENCY, CENTER LOAD, AND BOTTOM NORMAL. OPTIONALLY, THE SWITCH MAY BE SUPPLIED WITH REVERSE SOURCES. (REFER TO THE WIRING DIAGRAM FURNISHED WITH EACH TRANSFER SWITCH TO DETERMINE TERMINATION POSITIONS).
11. APPROXIMATE WEIGHT: 1560 LBS. [708 Kg]
12. STANDARD OUTLINE FOR 7A*TB 400 AMP.
13. ⊕ DENOTES CENTER OF GRAVITY

CABLING NOTES

1. ALL SIZES SUPPLIED STANDARD WITH MECHANICAL (SCREW TYPE) LUGS ON THE NORMAL, EMERGENCY & LOAD. ONE (1) LUG PER PHASE AND NEUTRAL EACH SUITABLE FOR CONNECTION OF TWO (2) #2–600 MCM CU/AL CABLE FOR 600 AMP SWITCH AND {7A*TB 400 AMP}. FOUR (4) 1/0–750 MCM CU/AL CABLE FOR 800–1200 AMP SWITCH.
   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: 375 IN–LBS.
   E. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO TWO (2) 600MCM CABLES PER TERMINAL FOR THE 600 AMP SWITCH & FOUR (4) 600 MCM CABLES PER TERMINAL FOR THE 800–1200 AMP
2. OPTIONAL COPPER CRIMP LUGS MAY BE SUPPLIED. UP TO THREE (3) TWO HOLE, LONG BARREL CU CRIMP LUGS RATED FOR UP TO 750MCM. (REFER TO CRIMP LUG INSTALLATION DATA PROVIDED WITH UNIT FOR FULL INSTALLATION DETAILS).
   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 FOR UP TO THREE (3) 750MCM CABLES PER TERMINAL.
3. GROUND LUGS FOR UP TO (12) 750MCM – 1/0 CU/AL CABLES ARE PROVIDED AS STANDARD.
4. CONSULT FACTORY FOR OTHER TERMINATION REQUIREMENTS.

Autodesk Revit MEP Families avaliable on ASCO Power Technologies web site

REV. TO SHEET	ECN NO.	BY	APP.	DATE
K	289897	TR	MM	06/14/21
	SEE ECN			
H	247875	BYS	JPB	04/30/14
	SEE ECN			
G	231570	TR	WK	04/13/11
	SEE ECN			
F	218022	TR	WK	04/18/08
	SEE ECN			
E	204508	TR	WK	04/15/04
	SEE ECN			
D	166814	AMS	WK	04/15/04
	SEE ECN			
C	165272	SAB	RKJ	10/27/03
	ADDED CG			
B	164864	MM	BK	09/16/03
	SEE ECN			
A	164165	SAB	RKJ	6/24/03
	UPDATE INFO AS –001,–002			
—	162439	SDH	SDH	03/04/03
	ISSUE			

PROJECT NAME: XD 1024 H SERIES

OUTLINE & MOUNTING
600–1200 AMP TYPE 1 TB, CTB, DTB
TRANSFER WITH BYPASS/ISOLATION

THIRD ANGLE PROJECTION

	BY	DATE
DRAWN BY	SDH	03/04/03
CHECKED	SAB	06/24/03
PROJECT APPROVAL		
FINAL APPROVAL	SDH	03/04/03

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

COMPUTER GENERATED DRAWING

SCALE NONE SIZE DS

DWG. NO. 736939

DRAWING REV. K ECN NO. 289897 SHEET 1 OF 1