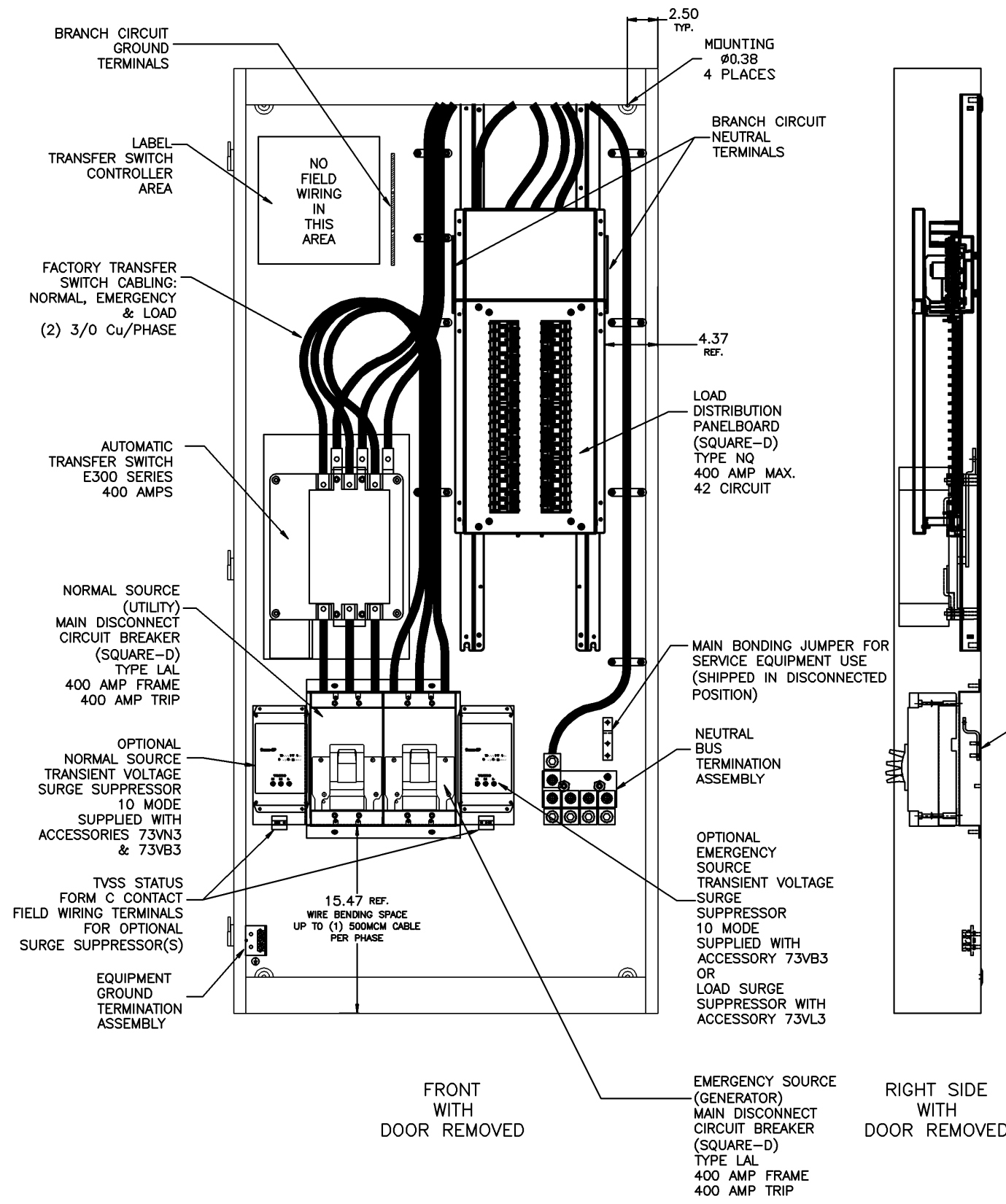


ASCO E300L Series Power Transfer Load Center Rated 400 amps, 208Y/120 V Three Phase, 4 Wire

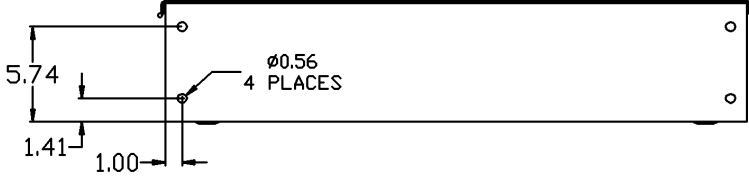
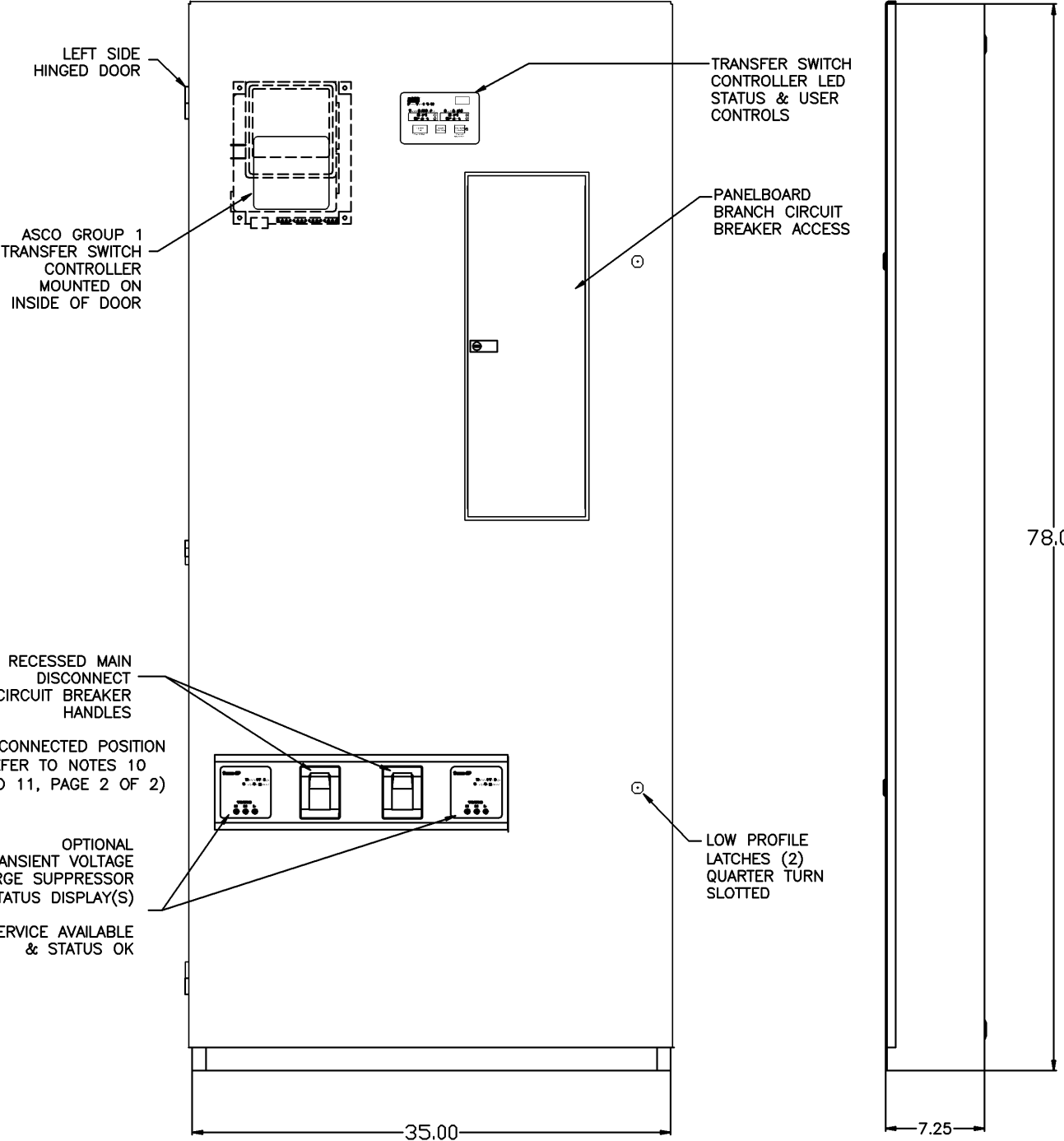
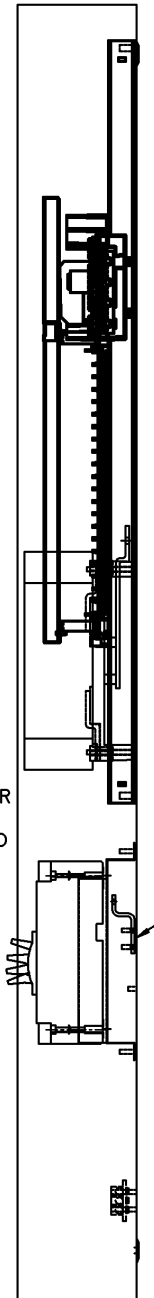


FRONT WITH DOOR REMOVED

RIGHT SIDE WITH DOOR REMOVED



BOTTOM WITH DOOR REMOVED



BOTTOM

PROJECT NAME:		228467	JPB	JPB	08/03/10
REV. TO SHEET	ISSUE	EDN NO.	BY	APP.	DATE
OUTLINE E300L SERIES, 400 AMP POWER TRANSFER LOAD CENTER					
MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005.	ASSEM. REF. NO.	COMPUTER GENERATED DRAWING			
SCALE 1:1	SIZE DS	DWG. NO. 889863-003			
PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		DRAWING REV. —			
ASCO POWER TECHNOLOGIES, L.P. FLORENCE PARK, NEW JERSEY 07932 U.S.A.		EDN NO. 228467	SHEET 1 OF 2		

ASCO E300L Series Power Transfer Load Center Rated 400 amps, 208Y/120 V Three Phase, 4 Wire

Notes:

1) Power Transfer Control Center constructed in accordance with UL 67 Standard for Panelboards. Suitable for Use as Service Equipment.

2) Automatic Power Transfer Switch: ASCO E300 SERIES, 3 pole, 400 amp, 208 vac. UL Listed to UL 1008 Standard for Transfer Switching Equipment.

Includes auxilliary contacts for field use, (1) each "Connected to Normal" & "Connected to Emergency" .

Transfer Controller – ASCO Group 1 Automatic Transfer Switch Controller.

Operator Interface: Membrane style with LED status indicators–
 "Normal Source Available" (green)
 "Emergency Source Available" (red)
 "Transfer Switch Connected to Normal" (green)
 "Transfer Switch Connected to Emergency" (red)

"Transfer Switch Test" pushbutton
 "Bypass Time Delay Bypass" pushbutton
 "Set Engine Exerciser" pushbutton

Optional Accessory 11BG – Programmable Engine Exerciser & Source Availability Signal Modules

Programmable Engine Exerciser: A programmable seven (7) day or fourteen (14) day electronic time switch for automatic weekly testing of the engine generator set with or without load. Each day of the week is individually programmable.

Source Availability Signaling: One Form C contact each for normal & emergency sources signal the acceptability of the source as sensed by the Group 1 controller. The signal operates in conjunction with the source availability LED status indication provided on the operator interface.

3) Short Circuit Ratings:

(Mains): 42kA at 208 vac Main circuit breaker (Normal & Emergency), Square-D Cat. LAL36400, 3 pole, 400 amp Frame, 400 amp trip..

(Branch): Branch ratings as follows when used with the specified branch devices.
 42kA using Sq-D Q0H rated: 2 pole 35-125a
 42kA using Sq-D QH or QHB rated: 1 pole 15-30a, 2 pole 15-30a, 3 pole 15-30a

4) Panelboard: Square-D NQ, 400a, 240v, single phase with 100% rated neutral. 42 Circuits, accepts bolt-on or plug-on branch devices.

5) Optional Transient Voltage Surge Suppressors:

ASCO 458 Series TVSS, Cat. 458120YGS, 10 mode protection, (L-L, L-N, L-G, N-G), 208Y/120
 Integral LED status indication per phase signalling Service Available & Status OK.
 One (1) Form C contact connected to terminal block to signal overall Status OK.

Optionally supplied as one of the following accessories–

Acc. 73VN3: (1) TVSS connected to Normal source only.
 Acc. 73VB3: (2) TVSS' each connected to Normal & Emergency sources.
 Acc. 73VL3: (1) TVSS connected to Load only.

6) Enclosure: NEMA Type 1 construction in accordance with UL 50 Standard for Enclosures for Electrical Switches
 Constructed of 12 gauge steel.
 Finish – RAL 7035 textured Lt. Gray.



7) Grounding provisions for Normal, Emergency & Load.

8) Overall Dimensions: 78"H x 35"W x 7.25"D

9) Weight: Approx. 310 lbs.

10) Main Bonding Jumper factory installed in the Disconnected position.

11) When used for Service Entrance the Main Bonding Jumper is to be removed from the Disconnected position and re-installed in the Connected position, with the existing hardware and one (1) additional 1/4-20 thread forming screw, which connects the Main Bonding Jumper to the Neutral Terminal Assembly.

PROJECT NAME:		REV. TO SHEET	EDN NO.	BY	APP.	DATE
OUTLINE		228467	JPB	JPB		08/03/10
E300L SERIES, 400 AMP		ISSUE				
POWER TRANSFER LOAD CENTER		 THIRD ANGLE PROJECTION				
DRAWN BY	JPB	DATE	08/03/10	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005.	ASSEM. REF. NO.	COMPUTER GENERATED DRAWING
CHECKED				PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	DWG. NO.	SCALE 1:1 SIZE DS
PROJECT APPROVAL					889863-003	
FINAL APPROVAL	JPB	08/03/10			 ASCO POWER TECHNOLOGIES, L.P. FLORENNA PARK, NEW JERSEY 07932 U.S.A.	DRAWING REV. — ECH. NO. 228467 SHEET 2 OF 2