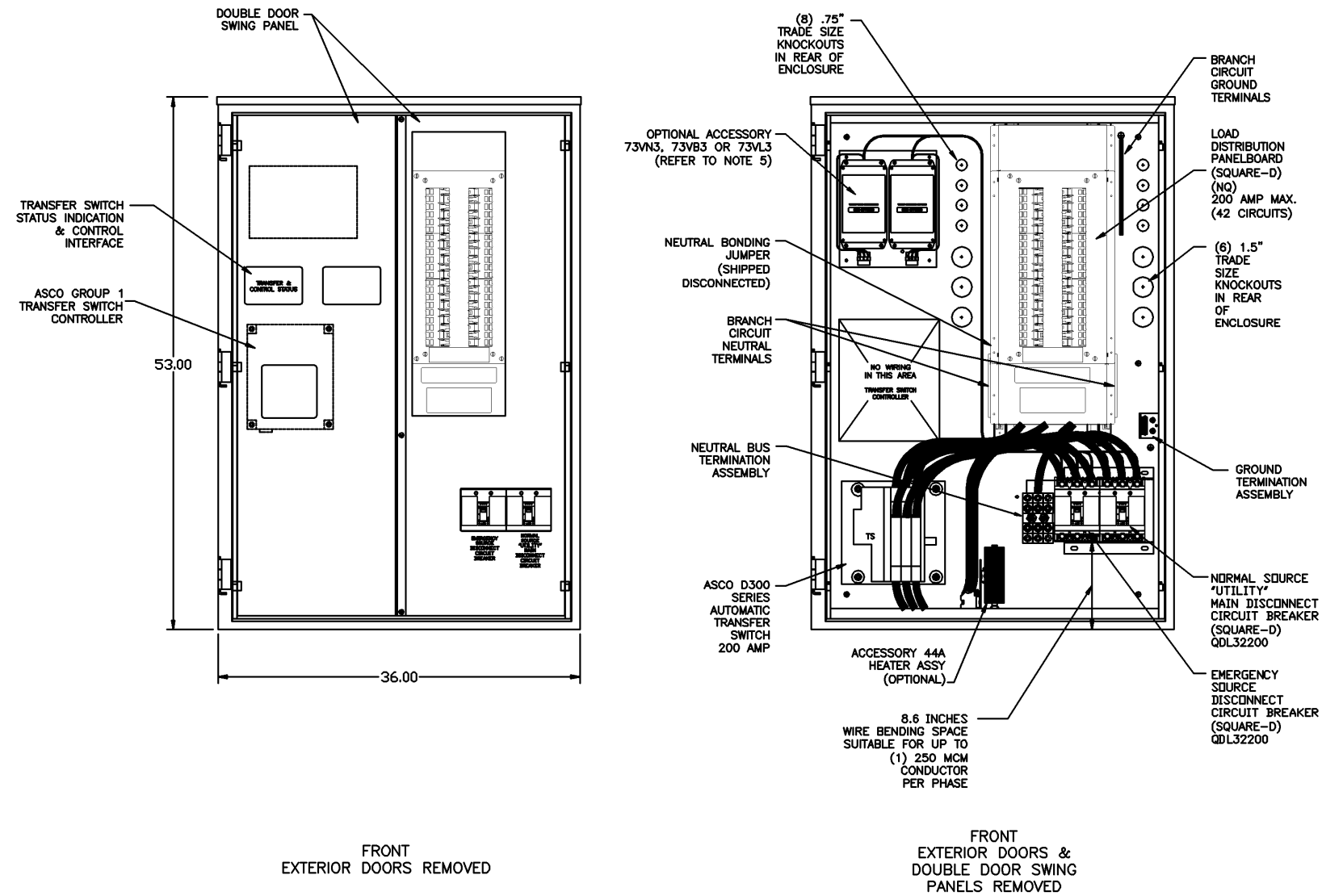


ASCO D300L Series Power Transfer Load Center Rated 200 amps max., 208V Three Phase/4 Wire, Type 3R Enclosure



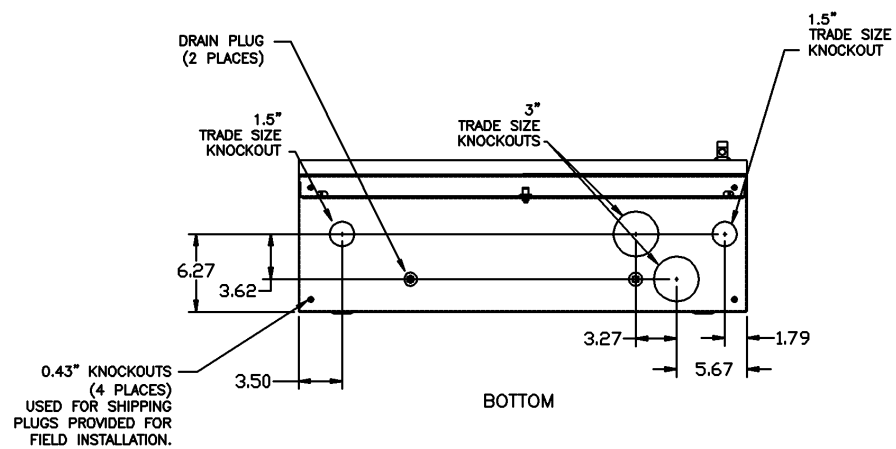
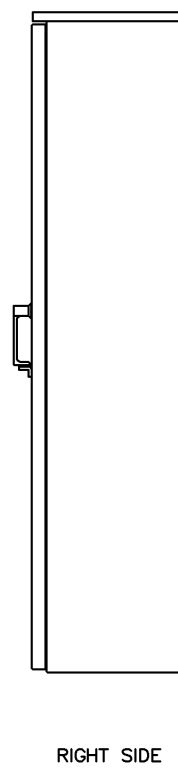
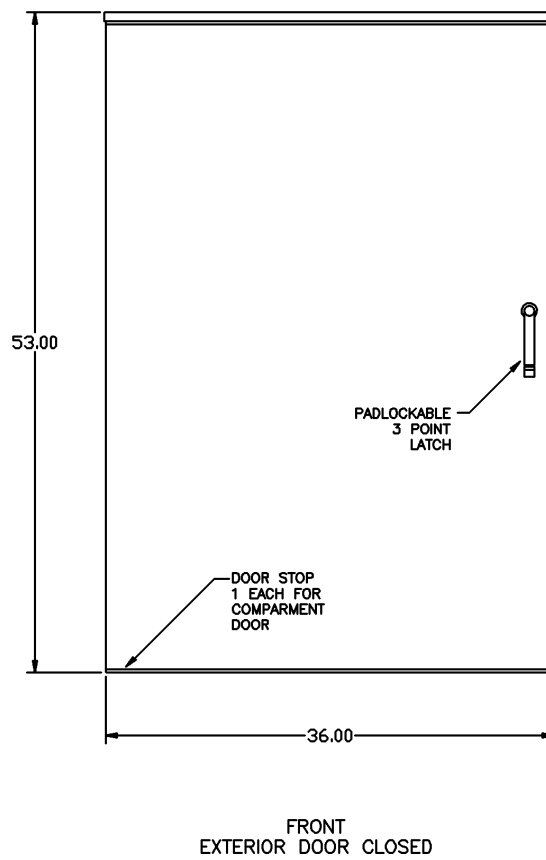
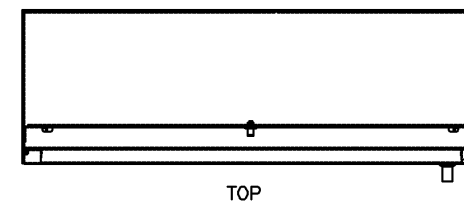
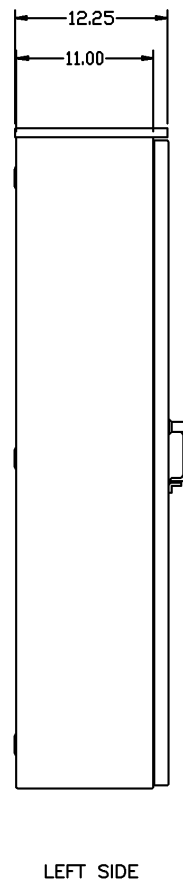
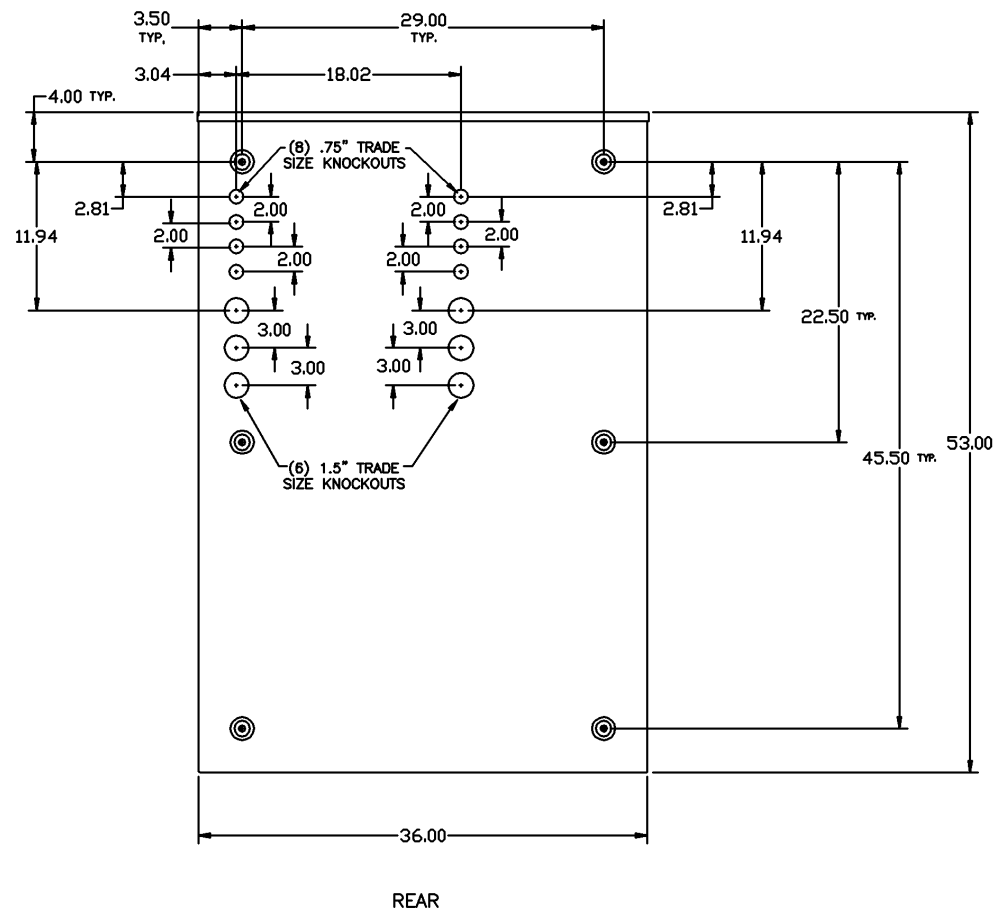
Notes:

- 1) Power Transfer Control Center. Listed to UL 67 Standard for Panelboards. Suitable for Use as Service Equipment.
- 2) Automatic Power Transfer Switch: ASCO D300, 3 pole, 200 amp. Listed to UL 1008 Standard for Transfer Switching Equipment.
 Transfer Controller – ASCO Group 1 Automatic Transfer Switch Controller including:
 Automatic Engine Starting Contacts
 Single Phase voltage sensing of Normal and Emergency sources.
 Frequency sensing of Emergency source.
 Momentary Normal source outage time delay, adjustable (1 or 3 sec.)
 Retransfer to Normal time delay, adjustable (1 sec. to 30 min.)
 Unloaded Engine Running (cooldown) time delay, (5 min.)
 Operator Interface – Membrane style with LED status indicators as follows:
 "Normal Source Available" (green) "Transfer Switch Test" pushbutton
 "Emergency Source Available" (red) "Bypass Time Delay Bypass" pushbutton
 "Transfer Switch Connected to Normal" (green) "Set Engine Exerciser" pushbutton
 "Transfer Switch Connected to Emergency" (red)
 Remote Control Features: Customer provided dry contacts, field wired to provide "Test", "Transfer to Emergency", "Inhibit Transfer to Emergency", "Bypass Transfer Time Delay".
 Accessory 11BG (Optional) – Programmable Engine Exerciser & Source Availability Signal Module providing the following features:
 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): 22kA at 240vac, Main circuit breaker (Normal & Emergency), Square-D Cat. Type QD, 3 pole, 200 amps. ACC. 117CB2
 (Branch): Branch ratings as follows when used with the specified branch devices.
 22kA using Sq-D QO-VH or QOB-VH rated: 2 pole 150a, 3 pole 35-150a.
 10kA using Sq-D QO or QOB rated: 1 pole 15-70a, 2 pole 15-125a, 3 pole 15-30a.
- 4) Panelboard: Square-D NQ, 225a max., 208v, three phase with 100% rated neutral.
 42 Circuits, accepts bolt-on or plug-on branch devices.
- 5) Accessory 73VN3, 73VB3, or 73VL3 as Specified (Optional):
 Transient Voltage Surge Suppressors; ASCO 458 SERIES TVSS, with ten (10) mode protection (L-L, L-N, L-G, N-G), integral LED status indication per phase signaling (Service Available & Status OK), and one (1) Form C contact wired to terminal block to signal overall Status OK.
 Supplied as one of the following accessories:
 Acc. 73VN3: one (1) TVSS connected to Normal source
 Acc. 73VB3: two (2) TVSS's, one (1) connected to the Emergency source and one (1) connected to the Normal source.
 Acc. 73VL3: one (1) TVSS connected to the Load only.
- 6) Accessory 44A (Optional):
 Enclosure Heater and Thermostat, 100W, 120V. Power from single pole, 15 amp Branch breaker. Factory installed in panelboard.
- 7) Enclosure:
 Type 3R Listed to UL 67.
 Single Compartment Wall Mount
 Compartment provides to Type 1 protection with exterior open and swing panels closed.
 Box & Doors – Constructed of 0.09 thick aluminum alloy (5052-H32).
 Finishes – All interior and exterior surfaces: Textured Polyester Powder Coat, Light Gray (RAL 7035)
- 8) Grounding provisions for Normal, Emergency & Load.
- 9) Overall Dimensions:
 53"H x 36"W x 12.3"D
- 10) Weight: Approx. 210 lbs.

233373	JPB	JPB	08/16/11
229017	JPB	JPB	09/20/10

PROJECT NAME:		TYPE 3R	
OUTLINE		TYPE 3R	
SERIES D300L, 200A MAX.			
POWER TRANSFER LOAD CENTER			
BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005	ASS'Y REF. NO.
JPB	09/20/10		
CHECKED		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	COMPUTER GENERATED DRAWING
PROJECT APPROVAL			SCALE 1:1 SIZE DS
FINAL APPROVAL	JPB	08/20/10	884339-016
			ASCO POWER TECHNOLOGIES, L.P. FLORENCE PARK, NEW JERSEY 07932 U.S.A.
			DRAWING REV. A ECH NO. 233373 SHEET 1 OF 2

ASCO D300L Series Power Transfer Load Center Rated 200 amps max., 208V Three Phase/4 Wire, Type 3R Enclosure



PROJECT NAME:		TYPE 3R		REV. TO SHEET	ECN NO.	BY	APP.	DATE
OUTLINE		TYPE 3R		233373	JPB	JPB	08/16/11	
SERIES D300L, 200A MAX.				229017	JPB	JPB	09/20/10	
POWER TRANSFER LOAD CENTER				ISSUE				
BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005.		ASSEMBL. REF. NO.		COMPUTER GENERATED DRAWING		
JPB	09/20/10					SCALE 1/8" = 1"	SIZE DS	
CHECKED		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		DWG. NO.		THIRD ANGLE PROJECTION		
PROJECT APPROVAL				884339-016				
FINAL APPROVAL	JPB 09/20/10	ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		DRAWING REV. A		SHEET 2 OF 2		