

OUTLINE FOR ASCO® 200 SERIES 2600-3200 AMPERE "G" FRAME (ATS,NTS,ADTS,NDTS) REAR CONNECTED TRANSFER SWITCHING EQUIPMENT TYPE 1 ENCLOSURE

GENERAL NOTES

- TYPE 1 ENCLOSURE. FREE STANDING. FLOOR MOUNTED. CODE GAUGE FORMED FRAME CONSTRUCTION.
- NEC STANDARD GAUGE PAN TYPE DOOR WITH LOCKABLE HANDLE.
- FINISH: ANSI 61 GRAY, POLYESTER POWDER STANDARD. OTHER ANSI COLORS AVAILABLE CONSULT FACTORY.
- CONSTRUCTION IS IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF IEC 60529, IP20.
- RECOMMENDED CLEARANCES: FRONT: 914,4mm (36 INCHES)
- A 20% RATED GROUND BUS IS PROVIDED.
- UNIT IS DESIGNED FOR COMBINATION TOP AND BOTTOM CABLE ENTRY.
- NEUTRAL CONFIGURATIONS:
AN OPTIONAL FULL RATED NEUTRAL CONFIGURATION FOR EACH SOURCE AND THE LOAD MAY BE PROVIDED, WHEN EQUIPPED IT IS IN ONE OF THE FOLLOWING FORMATS AS SPECIFIED BY THE CATALOG NUMBER NO. NEUTRAL TYPE:
(A) SOLID (COPPER BUS) NEUTRAL
(B) SWITCHED NEUTRAL POLE
(C) OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON ADTS UNITS)
- CENTER OF GRAVITY
- NO KNOCKOUTS ARE PROVIDED.

CABLING NOTES

- ALL SIZES SUPPLIED STANDARD WITH MECHANICAL (SCREW TYPE) LUGS. (SEE AMP SIZE 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.
C. LUG SCREW TIGHTENING TORQUE TO 25.76Nm [19 FT-LBS].
D. SUITABLE WIRE BENDING SPACE IS PROVIDED. (SEE AMP SIZE BELOW)
- CONSULT FACTORY FOR OTHER TERMINATION REQUIREMENTS.
- GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS. (SEE AMP SIZE BELOW).
- CUSTOMER TERMINAL BLOCKS:
FOR 200 SERIES UNITS TB WILL BE MOUNTED ON THE TRANSFER SWITCH FRAME AS INDICATED.

NOTES 2600-3200 AMPS

- SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS ON THE NORMAL, EMERGENCY & LOAD BUS STABS. TWO (2) LUGS PER PHASE AND NEUTRAL EACH SUITABLE FOR CONNECTION OF TWELVE (12) 50-300mm² [1/0 - 750MCM] CU/AL CABLE (SEE NOTE "E" BELOW).
E. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO TWELVE (12) 300mm² [750MCM] CABLES PER TERMINAL
- GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS;
(36) 50-300mm² [1/0 - 750MCM] CU/AL CABLE

POWER CONNECTIONS

RANGE OF Al-Cu CONDUCTOR SIZES
ISO CROSS SECTION (mm²)
(USE STRANDED TYPE CONDUCTORS)

SWITCH RATING (AMPS)	CONDUCTOR SIZE RANGE	RECOMMENDED TIGHTENING TORQUE
2600-3200	TWELVE(12) 50-300	42,4 Nm

NOTE : CONSULT FACTORY FOR OTHER CABLING & TERMINATION REQUIREMENTS.

APPROXIMATE SHIPPING WEIGHT, KG (LBS)

AMP SIZE	POLES	WEIGHTS KG (LB)
2600 TO 3200	2	908 (2000)
	B2	976 (2150)
	C2	976 (2150)
	B3	1012 (2230)
	C3	1012 (2230)

TRANSFER SWITCHING EQUIPMENT
(IEC/CE) RATED UP TO 480 VAC MAX.

PROJECT NAME:		254889	TR	BK	5/20/15
REV. TO SHEET	ISSUE	ECN NO.	BY	APP.	DATE
OUTLINE		200 SERIES (ATS,NTS,ADTS,NDTS) TYPE 1		2600-3200 AMPS, IEC-CE, (ACC. 97N)	
BY	DATE	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	BK	5/20/15	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		SCALE NONE SIZE DS
PROJECT APPROVAL	BK	5/20/15	DWG. NO. 1001395-001-A		SHEET 1 OF 1
FINAL APPROVAL			DRAWING - ECH 254889		
ASCOTM ASCO POWER TECHNOLOGIES, L.P.		FLORHAM PARK, NEW JERSEY 07932 U.S.A.			

