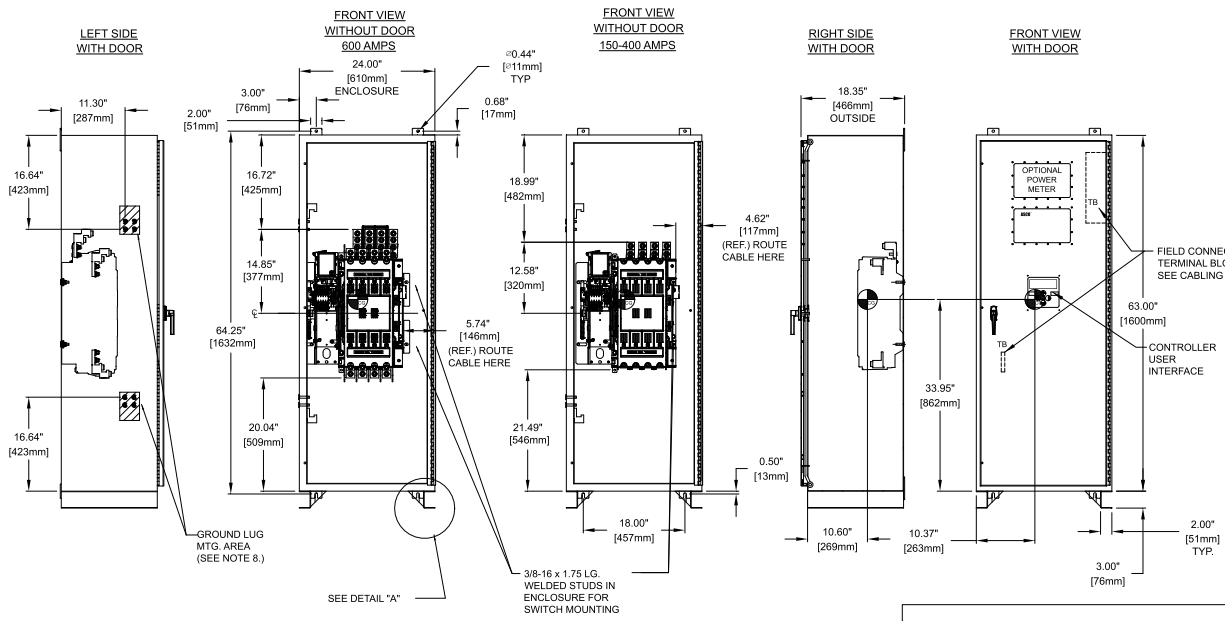
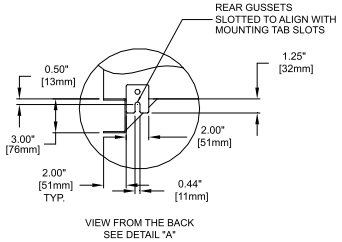
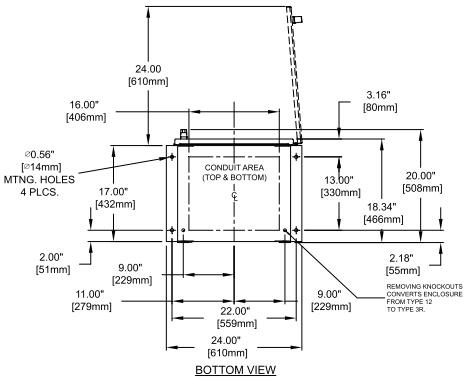
ASCO® OUTLINE FOR 300 SERIES 600 AMPERE "J" FRAME (3ATS,3NTS), 150-600 AMPERE (3ADTS,3NDTS) FRONT CONNECTED TRANSFER SWITCHES TYPE 3R/12 ENCLOSURE







GENERAL NOTES

1. TYPE 3R-12 ENCLOSURE. FREE STANDING. FLOOR MOUNTED OR WALL MOUNTED. 14 GAUGE CONSTRUCTION.
2. NEC STANDARD GAUGE PAN TYPE DOOR WITH LOCKABLE HANDLE.
3. FINISH: ANSI 61 GRAY, POLYESTER POWDER STANDARD. OTHER ANSI COLORS AVAILABLE CONSULT FACTORY UL RECOGNIZED.
4. RECOMMENDED CLEARANCES: FRONT: 24.00" [610mm]
5. A 20% RATED GROUND BUS IS PROVIDED.
6. UNIT IS DESIGNED FOR COMBINATION TOP AND BOTTOM CABLE ENTRY.
7. 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;
   A. SOLID (COPPER BUS) NEUTRAL FOR 150-400A ADTS/NDTS AND SOLID NEUTRAL TERMINAL ASSEMBLY (NTA) FOR 260-400A ATS/NTS.
   B. SWITCHED NEUTRAL POLE
8. ◔ CENTER OF GRAVITY.

CABLING NOTES

1. 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. UL LISTED, CSA CERTIFIED.
   D. LUG SCREW TIGHTENING TORQUE PER UL 486B: 19 FT-LBS.
   E. SUITABLE WIRE BENDING SPACE IS PROVIDED. (SEE AMP SIZE BELOW)
2. GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS. (SEE AMP SIZE BELOW).
3. CUSTOMER TERMINAL BLOCKS:
   FOR ALL 300 SERIES 3ADTS, 3NDTS UNITS THE TB WILL BE MOUNTED ON THE UPPER RIGHT INSIDE OF ENCLOSURE. FOR 3ATS AND 3NTS UNITS TB WILL BE MOUNTED ON THE TRANSFER SWITCH FRAME AS INDICATED.

NOTES 150-400 AMP SWITCHES

1. SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS ON THE NORMAL, EMERGENCY & LOAD BUS STABS. ONE (1) LUG PER PHASE AND NEUTRAL EACH SUITABLE FOR CONNECTION OF TWO (2) 1/0 -250MCM CU/AL CABLES OR ONE (1) #4 -600MCM CU/AL CABLE.
   A. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO ONE (1) 600MCM CABLE PER TERMINAL PER NEC.
2. GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS; SIX (6) 1/0 -250MCM CU/AL CABLES OR THREE (3) #4 -600MCM CU/AL CABLE CONNECTIONS.

NOTES 600 AMP SWITCHES

1. SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS ON THE NORMAL, EMERGENCY & LOAD BUS STABS. ONE (1) LUG PER PHASE AND NEUTRAL EACH SUITABLE FOR CONNECTION OF TWO (2) #2 -600MCM CU/AL CABLES.
   A. SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO TWO (2) 600MCM CABLE PER TERMINAL PER NEC.
2. GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS; SIX (6) #2 -600MCM CU/AL CABLE CONNECTIONS.

ATS SWITCH RATING (AMPS)	POLES	WEIGHTS LB (KG)
600	2	211 (96)
600	C2	N/A
600	3	215 (98)
600	C3	N/A
600	4	225 (102)

CTS/DTS SWITCH RATING (AMPS)	POLES	WEIGHTS LB (KG)
150-400	2	222 (101)
150-400	C2	N/A
150-400	3	228 (104)
150-400	C3	N/A
150-400	4	224 (102)
600	2	247 (112)
600	C2	N/A
600	3	234 (106)
600	C3	N/A
600	4	241 (109)

REV TO SHEET	ECN NO.	BY	APP.	DATE
E	294689 SEE ECN	TR	MM	3/24/22
D	289439 SEE ECN	TR	NS	05/07/21
C	266871 SEE ECN	TR	BK	5/2/17S
B	263629 SEE ECN	BK	TR	10/12/16
A	249736 SEE ECN	TR	WK	7/25/14
-	245551 ISSUED	BK	BK	11/25/13

PROJECT NAME:
COMPOSITE | OUTLINE
300 SERIES TS "J"
J3ATS ,J3NTS 600A, J3ADTS, J3NDTS 150-600 AMP TYPE 3R/12

THIRD ANGLE PROJECTION

	BY	DATE
DRAWN BY	DJB	11/20/13
CHECKED	BK	11/20/13
PROJECT APPROVAL	BK	11/20/13
FINAL APPROVAL		

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 NONE SIZE DS

DRWG. NO. 1001393-002

DRAWING REV. E SCN NO. 294689 SHEET 1 OF 1

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