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GENERAL NOTES

- FLOOR MOUNTED ENCLOSURE.
TYPE 12 (Q) CONSTRUCTED FROM CODE GAUGE STEEL.
FINISH TYPE: ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
- EXTERIOR DOOR HAVE KEY LOCKING HANDLE WITH 3-POINT LATCH
- DESIGNED FOR FRONT ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 36" [914.40mm] REAR: NONE.
-  CENTER OF GRAVITY
- APPROXIMATE SHIPPING WEIGHT: 1800 LB [816.5 KG].

TRANSFER SWITCH

- J FRAME ISOLATION-BYPASS TRANSFER SWITCH.
- TRANSFER SWITCH RATING: 150 AMPS, 200 AMPS, 260 AMPS, 400 AMPS AND 600AMPS.
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITHOUT AN ADJUSTABLE SHORT TIME RESPONSE,
MAXIMUM 0.05 SECONDS, 65,000 RMS SYM @ 240V (SWITCHED, SOLID AND OVERLAPPING NEUTRAL).
MAXIMUM 0.05 SECONDS, 42,000 RMS SYM @ 480V (SWITCHED AND SOLID NEUTRAL).
MAXIMUM 0.05 SECONDS, 35,000 RMS SYM @ 480V (OVERLAPPING NEUTRAL).
MAXIMUM 0.05 SECONDS, 35,000 RMS SYM @ 600V (SWITCHED, SOLID AND OVERLAPPING NEUTRAL).
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITH AN ADJUSTABLE SHORT TIME RESPONSE,
600A: MAXIMUM 0.20 SECONDS, 7,500 RMS SYM @ 240V, 480V.
- A FULL RATED NEUTRAL CONNECTION FOR EACH SOURCE AND THE LOAD IS OPTIONAL.
WHEN PROVIDED IT IS IN ONE OF THE FOLLOWING FORMATS.
A. SOLID NEUTRAL
B. SWITCHED NEUTRAL POLE
C. OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON ADTB & ACTB UNITS)
- UL 1008 OR CSA C22.2 No. 178.1

TERMINATIONS 150A-400A

- MECHANICAL (SCREW TYPE) LUGS FOR CU/AL CABLE.
SOURCE 1 (NORMAL): (1) 1/0-600MCM [50-300mm²] OR (2) 1/0-250MCM [50-120mm²] PER PHASE & NEUTRAL
LOAD: (1) 1/0-600MCM [50-300mm²] OR (2) 1/0-250MCM [50-120mm²] PER PHASE & NEUTRAL
SOURCE 2 (EMERGENCY): (1) 1/0-600MCM [50-300mm²] OR (2) 1/0-250MCM [50-120mm²] PER PHASE & NEUTRAL
GROUND: (3) #4-600MCM [25-300mm²] OR (6) 1/0-250MCM [50-120mm²]
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
- SWITCH MAY BE SUPPLIED WITHOUT LUGS.
- OPTIONAL LUGS MAY BE SUPPLIED (MAY AFFECT ENCLOSURE SIZE).

TERMINATIONS 600A

- MECHANICAL (SCREW TYPE) LUGS FOR CU/AL CABLE.
SOURCE 1 (NORMAL): (2) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
LOAD: (2) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
SOURCE 2 (EMERGENCY): (2) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
GROUND: (6) #2-600MCM [35-300mm²]
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
- SWITCH MAY BE SUPPLIED WITHOUT LUGS.
- OPTIONAL LUGS MAY BE SUPPLIED (MAY AFFECT ENCLOSURE SIZE).

WIRING/CABLING

- USE 90°C MINIMUM CU/AL WIRE FOR POWER CABLES.
- WIRE SIZE TO BE BASED ON AMPACITY OF 75°C WIRE.
- USE 60°C MINIMUM CU WIRE FOR CONTROLS.

PROJECT NAME:		REV. TO SHEET	J	303560	SV	05-12-23
OUTLINE		SEE ECN				
JATB 150A-600A, FRONT CONNECTED		260997	BG	RN	05/11/16	
TYPE 12 97 X 54 X 36		SEE ECN				
DRAWN BY	BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055		ASSEM. REF. NO.	
CHECKED	SV	05-12-23				
PROJECT APPROVAL			PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		COMPUTER GENERATED DRAWING	
FINAL APPROVAL					SCALE 1/16" = 1" SIZE DS	
			DWG. NO. 802093-003			
			DRAWING J		ECN NO. 303560	SHEET 1 OF 1
			REV.			

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