



GENERAL NOTES

- TYPE 3R ENCLOSURE. FREE STANDING. FLOOR MOUNTED. CODE GAUGE FORMED STEEL FRAME CONSTRUCTION.
- FRONT DOOR HAS A STAINLESS STEEL, PADLOCKABLE HANDLE.
- FINISH: TYPE 3R: ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
TYPE 3RX(R): EXTERIOR CONSTRUCTED OF CODE GAUGE TYPE 304 STAINLESS STEEL.
TYPE 3RX(S): EXTERIOR CONSTRUCTED OF CODE GAUGE TYPE 316 STAINLESS STEEL.
- RECOMMENDED CLEARANCES:
FRONT: 38 INCHES REAR: NONE
- ALL BUS IS SILVER-PLATED COPPER, BASED ON 1000A PER SQ. IN. DENSITY.
- 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 (SHOWN)
B. SWITCHED NEUTRAL POLE
- DESIGNED FOR FRONT ACCESS
- FOR SPECIFIED TRANSFER SWITCH, REFER TO OPERATOR'S MANUAL PROVIDED WITH UNIT.
- SECTION 1 & SECTION 1T SHIP AS 1 UNIT.
- LIFTING PLATES: SECTIONS ARE SUPPLIED WITH REMOVABLE LIFTING PLATES. INSPECT PLATES FOR DAMAGE AND TORQUE BOLTS TO 45 FT LBS BEFORE USE. REFER TO ANSI/NEMA PB 2.1 FOR PROPER HANDLING OF EQUIPMENT. AFTER INSTALLATION OF SECTION, REMOVE LIFTING PLATES. REINSTALL BOLTS INTO EXTERIOR HOLES AND TORQUE TO APPROXIMATELY 20 FT LBS.
- CENTER OF GRAVITY.
- APPROXIMATE WEIGHT: 1100 LBS

SPECIFICATIONS

- SERVICE VOLTAGE:
SYSTEM RATING: 450 AMPS, 500 AMPS, 600 AMPS, 700 AMPS, 800 AMPS, 3 ϕ , 4W OR 1 ϕ , 3W.
GROUND BUS- 20% RATED.
SHORT CIRCUIT RATING- 65,000 RMS SYM AMPERES @ 480V.
THE EMERGENCY SOURCE INPUT MUST BE PROTECTED BY A REMOTE OVERCURRENT PROTECTION DEVICE AS LISTED ON THE MARKINGS ON THE TRANSFER SWITCH.
- NEUTRAL BUS: 100% RATED.
- APPLICABLE LABELS: U.L. 891- SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.

TERMINATIONS 450-600 AMPS

- SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS SUITABLE FOR CU/AL CABLE .
NORMAL(52U): (2) 3/0 - 500MCM PER PHASE AND NEUTRAL
EMERGENCY: (2) #2 - 600MCM PER PHASE AND NEUTRAL
LOAD: (2) #2 - 600MCM PER PHASE AND NEUTRAL
GROUND: (6) 1/0 - 600 MCM
SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER THE NEC
- OPTIONAL LUGS MAY BE SUPPLIED.

TERMINATIONS 700-800 AMPS

- SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS SUITABLE FOR CU/AL CABLE .
NORMAL(52U): (3) 3/0 - 500MCM PER PHASE AND NEUTRAL
EMERGENCY: (3) 1/0 - 600MCM PER PHASE AND NEUTRAL
LOAD: (3) 1/0 - 600MCM PER PHASE AND NEUTRAL
GROUND: (12) 1/0 - 600MCM
SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER THE NEC
- OPTIONAL LUGS MAY BE SUPPLIED.

CIRCUIT BREAKER: ITEM 52U

SQUARE "D" 80% RATED, TYPE 'MJL', 800AF/450AT, 800AF/500AT, 800AF/600AT, 800AF/700AT, 800AF/800AT MOLDED CASE, ELECTRONIC TRIP.

PROJECT NAME:		REV. TO SHEET		ECN NO.	BY	APP.	DATE
OUTLINE		MOUNTING		SCALE 1/16" = 1" SIZE DS			
HMUS 450A-800A, MJL SE BREAKER ON NORMAL		TYPE 3R/3RX, 84 X 41 X 33, SECTION 1 & 1T		COMPUTER GENERATED DRAWING			
DRAWN BY	VAK	DATE	01-08-18	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-035	ASSEM. REF. NO.	DWG. NO.	
CHECKED	RN			PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		977102-003	
PROJECT APPROVAL				ASCO® ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		DRAWING A	
FINAL APPROVAL				ECN NO. 273038		SHEET 1 OF 1	