



GENERAL NOTES

- FLOOR MOUNTED ENCLOSURE.
TYPE 3R CONSTRUCTED FROM CODE GAUGE STEEL.
FINISH: TYPE 3R, ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
TYPE 3RX EXTERIOR CONSTRUCTED FROM CODE GAUGE STAINLESS STEEL.
(R) EXTERIOR CONSTRUCTED FROM TYPE 304 STAINLESS STEEL.
(S) EXTERIOR CONSTRUCTED FROM TYPE 316 STAINLESS STEEL.
- EXTERIOR DOORS HAVE PADLOCKABLE HANDLES WITH 3-POINT LATCH
- DESIGNED FOR FRONT AND REAR ACCESS
- RECOMMENDED CLEARANCES: FRONT: 38" REAR: 36"
- EXTERIOR VENTS ARE SUPPLIED WITH POLYESTER DUST FILTERS.
- LIFTING PLATES: SECTIONS ARE SUPPLIED WITH 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.
- ⊙ DENOTES SHIPPING SPLIT. UNIT SHIPS IN 2 SECTIONS.

SYSTEM NOTES

- SYSTEM RATING: 4000 AMPS
SHORT CIRCUIT RATING: 100,000 RMS SYM @ 480V.
THE EMERGENCY SOURCE MUST BE PROTECTED BY A REMOTE OVERCURRENT PROTECTION DEVICE AS LISTED ON THE MARKINGS ON THE TRANSFER SWITCH.
- ALL BUS IS SILVER-PLATED COPPER, BASED ON 800A PER SQ. IN. DENSITY.
- GROUND: 20% RATED.
- NEUTRAL: 100% RATED.
- APPLICABLE LABEL(S): U.L. 891

TRANSFER SWITCH

- G FRAME ISOLATION-BYPASS TRANSFER SWITCH 4000A.
- TRANSFER SWITCH RATING: 4000 AMPS.
SHORT CIRCUIT RATING WHEN PROTECTED BY A CIRCUIT BREAKER
TIME RESPONSE, MAXIMUM 0.05 SECONDS: 100,000 RMS SYM @ 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
- UL 1008.

TERMINATIONS 4000A

- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS FOR CU/AL CABLE.
NORMAL: (12) 1/0 - 750MCM PER PHASE & NEUTRAL
LOAD: (12) 1/0 - 750MCM PER PHASE & NEUTRAL
EMERGENCY: (12) 1/0 - 750MCM PER PHASE & NEUTRAL
GROUND: (36) 1/0 - 750MCM
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
- OPTIONAL LUGS MAY BE SUPPLIED.

CIRCUIT BREAKER: ITEM 52U

- SQUARE "D" 100% RATED TYPE 'NW', 4000AF/4000AT, STATIONARY MOUNTED MANUALLY OPERATED WITH LONG DELAY, SHORT DELAY, INSTANTANEOUS AND GROUND FAULT TRIP SETTINGS.
100,000 AIC RMS SYM @ 480V
- OPTIONAL ENERGY REDUCTION MAINTENANCE SETTING SYSTEM MAY BE SUPPLIED.
- U.L. 489

PROJECT NAME:	GAUB 4000A, NW SERVICE ENTRANCE BREAKER ON NORMAL TYPE 3R/3RX, 100 X 103 X 103		
OUTLINE	MOUNTING		
SCALE	1:1	SIZE	DS
DWG. NO.	884865-020		
REV. TO SHEET	ECN NO.	BY	APP.
DATE	DATE	DATE	DATE
BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005	ASSEM. REF. NO.
CHECKED	DATE	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	COMPUTER GENERATED DRAWING
PROJECT APPROVAL		ASCO	ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.
FINAL APPROVAL		REV. D	ECN NO. 290312
			SHEET 1 OF 1

D	290312	BCG	RN	7/14/21
C	281349	MCH	RN	10-14-19
B	264835	BG	RN	12/29/16
A	243941	VCP	RN	08/20/13
-	241518	DP	RN	3/19/13
				NEW ISSUE