MAX WIRE SIZE #2/0

BATTERY INPUT CONDUIT

PARTIAL VIEW C-C

AC INPUT KNOCKOUT FOR 1" CONDUIT

BATTERY HARDWIRE KNOCKOUT FOR 1" CONDUIT

OUTPUT KNOCKOUTS CONCENTRIC FOR 1/2"AND 3/4"CONDUIT

VIEW B-B ROTATED 180°

VIEW A-A

REAR COVER REMOVAL REQUIRES REMOVING 2 NO.10 SHEET METAL SCREWS

CABLE ENTRY HOLE

RECOMMENDED CUTOUT FOR HARDWIRING FOR MODEL 1105 ONLY

LEFT SIDE VIEW

DEAD FRONT PANEL REMOVAL REQUIRES REMOVING (8) NO.10 SHEET METAL SCREWS

FRONT VIEW

INPUT CONDUITS

OUTPUT CONDUITS

SEE NOTE 7

CONDUIT AND WIRING SUPPLIED BY CUSTOMER

CABLE ENTRY HOLE TO UPPER WIRING PAN ROUTES INPUT AND OUTPUT WIRES THROUGH THIS HOLE FOR BOTTOM ENTRY HARD WIRING. SKVA ONLY

MAX WIRE SIZE NO. 6 AWG.

MAX WIRE SIZE NO. 2 AWG.

MAX WIRE SIZE NO. 6 AWG.

MAX WIRE SIZE NO. 4 AWG.

OUTPUT WIRING (CUSTOMER PROVIDED)

REAR

LINE

NEUTRAL

LOAD NEUTRALS

LINE/HOT

NEUTRAL/COMMON

NOT USED

TOP V.W.

120/240VAC 60HZ 3WIRE

TOP V.X.W.

120VAC 60HZ 2WIRE OR 220/230/240VAC 50HZ LINE TO NEUTRAL

TOP V12W

208 OR 240VAC 60HZ 2WIRE OR 220/230/240VAC 50HZ LINE TO LINE

TOP COVER REMOVAL REQUIRES REMOVING (4) NO.10 SHEET METAL SCREWS

OUTPUT BREAKERS PROVIDED AND INSTALLED BY CUSTOMER USE ONLY SQUARE D TYPE QOB BREAKERS-MAX 6 POLES.
FOR 120VAC 60HZ USE SINGLE POLE BREAKERS ONLY
FOR 120/240VAC 60HZ USE SINGLE AND/OR DOUBLE POLE BREAKERS
FOR 208/240VAC 60HZ USE DOUBLE POLE BREAKERS ONLY
SIZE WIRE PER NEC AND LOCAL CODES.
FOR 50HZ USE DOUBLE POLE BREAKERS ONLY

NOTES:

1. REAR ENTRY HARDWIRING AVAILABLE ON ALL SERIES 1000 UPS
2. BOTTOM ENTRY HARDWIRING AVAILABLE ON MODEL 1105 ONLY
3. SELECT HARDWIRING ENTRY (BOTTOM OR REAR)
4. FOR REAR ENTRY: AC INPUT/OUTPUT
   A. OPEN UPS FRONT DOOR (USING KEY)
   B. REMOVE TOP COVER
   C. MOUNT INPUT AND OUTPUT CONDUIT (CUSTOMER PROVIDED)
   D. CONNECT INPUT AS SHOWN ON TOP VIEW (SEE ONE LINE DIAGRAM DWG.110611496 FOR MAX CURRENTS.
   E. INSTALL AND ROUTE OUTPUT WIRING AS SHOWN ON TOP VIEW
   F. REMOVE DEAD FRONT PANEL AS SHOWN ON FRONT VIEW
   G. INSTALL OUTPUT BREAKER(S) AS SHOWN. UP TO SIX SINGLE POLE BREAKER POSITIONS AVAILABLE. USE SQUARE D TYPE QOB BREAKERS (CUSTOMER PROVIDED)
   H. WIRE BREAKERS PER ONELINE DIAGRAM.
   J. REMOUNT DEAD FRONT AND TOP COVER.
5. FOR BOTTOM ENTRY: AC INPUT/OUTPUT
   A. REMOVE REAR COVER
   B. MOUNT INPUT AND OUTPUT CONDUITS (CUSTOMER PROVIDED)
   C. REMOVE TOP COVER AFTER OPENING FRONT DOOR (USING KEY)
   D. ROUTE INPUT/OUTPUT WIRING AS SHOWN ON LEFT SIDE VIEW INTO UPPER PAN AREA OF UPS
   E. PROCEED AS FOR TOP ENTRY, 4D-H.
   F. REMOUNT TOP AND REAR COVERS.
6. FOR BATTERY HARD WIRING REAR ENTRY ONLY
   A. MOUNT DC CONDUIT TO BATTERY INPUT KNOCKOUT
   B. SEE NOTE 4A FOR SYSTEM ENTRY
   C. WIRE AS SHOWN IN VIEW C-C.
7. SAFETY GROUNDS SHOULD BE CONNECTED TO FRAME GROUND AND LOAD NEUTRAL WHEN APPLICABLE SHOULD BE CONNECTED TO LOAD NEUTRAL TERMINAL BAR.

NINE MILE POINT NUCLEAR STATION UNIT 2
NIAGARA MOHAWK POWER CORPORATION
SHEET 2 OF 2 SHEETS
EXHIBIT E TO NRC 2584

EXIDE ELECTRONICS

SERIES 1000
MODELS 1101 1105
HARDWIRING OPTIONS
DRAWING NO. 110254227
SIZE D
SCALE 1/4

WEBSTER ENGINEERING CORPORATION
FOR PURCHASER'S DIVISION CONSTRUCTION OF MOHAWK POWER CORPORATION
SECTIONS NO SUPPLIED
ISSUED
REVISED AS NOTED
RELEASED FOR FABRICATION
RELEASED FOR MATERIAL PURCHASE
0 DATE REVISED PRINTS AS
1 DATE REVISED WORK BY
APERTURE CARDS
FOR REVIEW
FOR RECORD
NONE REQUIRED
AS CONSTRUCTED DATE
RETURN TO SUPPLIER NOT REQUIRED
FOR AS CONSTRUCTED DRAWINGS
SELECTED PROVISIONS
DUE BY ISSUE BY
SHEET
DRAWING NO. 12177-100
ATTACH TO ASB'S

SI APERTURE CARD

9304290050 D

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