

**(2) 800 HP, 2400 VOLT, AC MOTOR STARTERS
WITH DUAL FEED AND TIE BREAKER USING
(5) 1200 AMP GENERAL ELECTRIC VACUUM BREAKERS
TYPE VCI-4.16-350-2
IN (5) VERTICAL SECTIONS**

VERTICAL SECTION 1

VERTICAL 1 D - TOP

- FURNACE A 2.4 KV MAIN CIRCUIT BREAKER

INSIDE ON TOP

- (1) 1200 AMP 5 KV GENERAL ELECTRIC VACUUM CIRCUIT BREAKER

ON FRONT ON TOP

- (3) 0-1000 AMP AC AMP METER
- (1) 0-3000 AMP AC VOLT METER
- (1) KILOWATTS METER
- (3) OVER CURRENT RELAYS

(1) VACUUM BREAKER TRIP OPEN AND CLOSE SWITCH

(1) SYNCHRONIZING SWITCH

(1) FAULT PRESS SWITCH

(1) CIRCUIT SELECT SWITCH

VERTICAL 1 D - BOTTOM

- INCOMING LINE CONTROL TRANSFORMER

ON FRONT BOTTOM

- (3) DIR OVER CURRENT RELAYS

INSIDE BOTTOM

(1) 100 AMP AIR CIRCUIT BREAKER WITH REMOVABLE ON/OFF HANDLE

VERTICAL SECTION 2

VERTICAL 2 D - TOP

- SPARE FEEDER

INSIDE ON TOP

- SLOT FOR AIR CIRCUIT BREAKER

ON FRONT ON TOP

- (3) 0-200 AMP AC AMP METER
- (3) OVER CURRENT RELAYS 50/51
- (1) VACUUM BREAKER ON/OFF SWITCH

VERTICAL 2 D - BOTTOM

- FURNACE A WITH WESTINGHOUSE COMBUSTION AIR FAN
- (1) VACUUM CIRCUIT BREAKER ON/OFF SWITCH
- (1) BREAKER CONTROL
- (3) 0-200 AMP AC AMP METERS
- (1) LOAD TAKE IV MOTOR MULTI-PROTECTION
- (4) OVER CURRENT RELAYS 50/51
- (1) VIBRATION TRIP

INSIDE BOTTOM

(1) 1200 AMP, 5KV VACUUM CIRCUIT BREAKER

VERTICAL SECTION 3

VERTICAL 3 D - TOP

- AUTOMATIC TRANSFER SWITCH

ON FRONT

- (1) ANNUNCIATION PANEL
 - (6) FEATURES
 - (2) SPARES

FEED BOTTOM ACKNOWLEDGE BUTTON

VERTICAL 3 D - BOTTOM

- MAIN BUSS
- POTENTIAL AND GROUNDING TRANSFORMERS

ON FRONT BOTTOM

- (2) UNDERVOLTAGE RELAYS (27) 12NGV13B30A
- (1) GROUND RELAY (64) 121AN1KA1A
- (1) AUXILIARY RELAY(27X) 12 HFA51AUF

HEATER - 1-120 VOLT PLUG WITH 0-20 AC AMP METER

3 PHASE 1, 2, 3
1 GROUND



VERTICAL SECTION 4

VERTICAL 4 D - TOP- FURNACE A COMBUSTION AIR FAN EAST

INSIDE ON TOP

- (1) 1200 AMP 5KV VACUUM CIRCUIT BREAKER

ON FRONT ON TOP

- (2) 0-200 AMP AC AMP METER
- (3) OVER CURRENT RELAYS 50/51
- (1) MOTOR PROTECTOR - LOAD TRACK IVKILOWATTS METER
- (1) VIBRATION TRIP
- (1) OVER CURRENT RELAY 5015 TIME INSTANTANEOUS
- (1) VACUUM CIRCUIT BREAKER ON/OFF SWITCH
- (1) BKR CONTROL

VERTICIAL 4 D - BOTTOM

- 5D GROUND TEST DEVICE STAGE
- INSIDE MANUAL GROUND TEST DEVICE

VERTICAL SECTION 5

VERTICAL 6 D - TOP

- TIE BREAKER FAN FURNACE SUBSTATION #2

ON FRONT ON TOP

- (3) 0-1000 AMP AC AMP METER
- (1) 0-3000 AMP AC VOLT METER
- (3) OVER CURRENT RELAYS 51
- (1) VOLT HOUR METER
- (1) SYNCHRONIZING SWITCH
- (1) VACUUM CIRCUIT BREAKER CLOSE SWITCH
- (1) CIRCUIT SLECTOR SWITCH

INSIDE ON TOP

- (1) 1200 AMP 5 KV GENERAL ELECTRIC VACUUM CIRCUIT BREAKER

VERTICIAL 6 D - BOTTOM

- TIE LINE CENTRAL TRANSFROMER

INSIDE BOTTOM

- (1) 100 AMP AIR CIRCUIT BREAKER WITH A REMOVABLE ON/OFF HANDLE



ALL CIRCUIT BREAKERS

- 1200 AMPS
- 5000 VOLTS
- TYPE VBI-4.16-360-2
- GENERAL ELECTRIC
- INCOMING CURRENT 350 MVA AND 41,00 AMPS
- ROLL OUT
- CLOSE 250V DC 1.6 AMPS
- TRIP 250V DC 4.7 AMPS
- 470 LBS.
- 1990 - MFG
- MECH TYPE ML18
- NO. OF TRIPS 1854
- GOOD CONDITION

INVENTORY ID: 116963-000-00