

|                                                                                                                         |                                                        |   |                                                                                                                                                                                                                              |  |                                                                                                                          |                                                                                                                                        |                                                                                          |   |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---|
| IT.                                                                                                                     | REVISION<br>RN-IB2135                                  | 1 | FIG. B1, 17 AND 18<br>WERE SWITCHED                                                                                                                                                                                          |  | SH.17 FIG.F7 LS WAS "NO"                                                                                                 |                                                                                                                                        | RN-IB3288                                                                                | 7 |
|                                                                                                                         | RN-IB2348                                              | 2 | SHT.10 FIG. D0<br>WAS REVISED                                                                                                                                                                                                |  | SH.18 ZI + COMM<br>"SHIELD" DELETED<br>REF ZI WAS PER SH.20<br>THRU 22 , NP PLUG ADD<br>C6,C7,C12 WERE ZI6,7,12          |                                                                                                                                        | SHT.3 PARENTHESIS<br>WERE NOT AROUND<br>"ATR ALARMS"                                     |   |
|                                                                                                                         | SHT.3 1 TO 12<br>WAS 9 TO 12<br>A6 WAS A7              |   | SHT.11 FIG. D3,<br>POINT 4 MOVED TO 8                                                                                                                                                                                        |  | SH.19 REF ZI WAS PER SH.<br>23 , TB & NP PLUG ADD<br>C12 WAS Z12                                                         |                                                                                                                                        | "ONLY" WAS NOT UNDER<br>POWER                                                            |   |
|                                                                                                                         | SHT.6 N LINE ON A6<br>WAS FIXED                        |   | SHT.12 FIG. D4 & D5,<br>POINT 4 MOVED TO 8                                                                                                                                                                                   |  | SH.20 NEW INFO                                                                                                           |                                                                                                                                        | SHT.14 SMYBOL WAS ON                                                                     |   |
|                                                                                                                         | FIG. A6 DRAWOUT<br>CONTACTS WERE NOT ON 20<br>2 WAS 21 |   | SHT.13 FIG. E1<br>3 WAS 5                                                                                                                                                                                                    |  | SH.21 WAS SH.20 TU CARD<br>UPDATED , ZI DESIGNATION<br>○ WERE □                                                          |                                                                                                                                        | D3, D4 WAS D4, D5                                                                        |   |
|                                                                                                                         | SHT.7 FIG. B0 & B2<br>3 WAS 4 AND 7 WAS 8              |   | SHT.15 FIG. F2<br>25 AND 26 WERE<br>1 AND 2                                                                                                                                                                                  |  | SH.22 WAS SH.21 TU CARD<br>UPDATED , ZI DESIGNATION<br>○ WERE □                                                          |                                                                                                                                        | SHT.18 I6, I5, I4 AND<br>I3 DID NOT HAVE DASHED<br>INTERNAL WIRING SQUARE<br>AROUND THEM |   |
|                                                                                                                         | 8 WAS NOT NEXT TO<br>ARROWS ON FIG. B0 & B2            |   | SHT.18 NOTE WAS<br>ADDED TO FIG. G1                                                                                                                                                                                          |  | SH.23 NEW INFO                                                                                                           |                                                                                                                                        | I9 WAS JUST 9                                                                            |   |
|                                                                                                                         |                                                        |   | SHT.19 NOTE WAS<br>ADDED TO FIG. G3                                                                                                                                                                                          |  | SH.24 WAS SH.22 TU CARD<br>UPDATED , ZI DESIGNATION<br>○ WERE □                                                          |                                                                                                                                        | SHT.19 I6, I5, I4 AND<br>I3 DID NOT HAVE DASHED<br>INTERNAL WIRING SQUARE<br>AROUND THEM |   |
|                                                                                                                         |                                                        |   | D. TATASEO 3-28-95                                                                                                                                                                                                           |  | SH.25 WAS SH.24 TU CARD<br>UPDATED , ZI DESIGNATION<br>○ WERE □                                                          |                                                                                                                                        | I9 WAS JUST 9                                                                            |   |
|                                                                                                                         |                                                        |   | G. SMITH                                                                                                                                                                                                                     |  | NPOW & C11 ADD                                                                                                           |                                                                                                                                        | SHT.20 I9 WAS JUST 9                                                                     |   |
|                                                                                                                         |                                                        |   | S. BUDOL                                                                                                                                                                                                                     |  | SH.14 F0 & F1 WITH D0<br>TO D5 ADD                                                                                       |                                                                                                                                        | SHT.21 OPEN SWITCH<br>WAS CLOSED SWITCH                                                  |   |
|                                                                                                                         |                                                        |   | RN-IB2575                                                                                                                                                                                                                    |  | AGLIETTI 12-12-95                                                                                                        |                                                                                                                                        | SHT.23 P5 WAS NOT ON                                                                     |   |
|                                                                                                                         |                                                        |   | RN-IB2576                                                                                                                                                                                                                    |  | G.SMITH                                                                                                                  |                                                                                                                                        | SHT.24 & 25<br>P5 WAS NOT ADDED                                                          |   |
|                                                                                                                         |                                                        |   | SH. 3: 3 & 4 WERE<br>SR. 7 & 8 WERE MOT                                                                                                                                                                                      |  | S.BUDOL                                                                                                                  |                                                                                                                                        | PT DISCONNECT POINTS<br>WERE 1,4,2,5,3,6                                                 |   |
|                                                                                                                         |                                                        |   | SH. 8: C4: CONTACT<br>9-10 WAS CLOSED                                                                                                                                                                                        |  | RN IB-2720                                                                                                               |                                                                                                                                        | NOTE B WAS NOT DELETED                                                                   |   |
|                                                                                                                         |                                                        |   | CONTACT 35-36 WAS<br>OPEN. C1: CONTACT<br>9-10 WAS CLOSED                                                                                                                                                                    |  | SH.18&19 ADD WIRE AT NP,<br>Z1* & COMMUNICATION,<br>NP7* * NOTE ADDED.<br>COMMUNICATIONS BLOCK<br>WAS CALLED Z.I. + COM. |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | CONTACT 11-12 WAS<br>OPEN. C5: CONTACT<br>9-10 WAS CLOSED,                                                                                                                                                                   |  | SH22.23.24.25 NOTE A&B<br>ADD, [30] TO [34]<br>VERBAGE REVISED                                                           |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | CONTACT 35-36 WAS<br>OPEN                                                                                                                                                                                                    |  | AGLIETTI 03-05-96                                                                                                        |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | SH. 9: C8: CONTACT<br>9-10 WAS CLOSED,                                                                                                                                                                                       |  | G.SMITH                                                                                                                  |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | CONTACT 11-12 WAS<br>OPEN                                                                                                                                                                                                    |  | S.BUDOL                                                                                                                  |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | S. SHINDLEDECKER<br>9-11-95                                                                                                                                                                                                  |  | RN IB-2781 & 2901<br>SH 3 "C10" ADD<br>TO COMM AT (3A)                                                                   |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | G. SMITH                                                                                                                                                                                                                     |  | SH 18 SHLD ADD TO COMM<br>SH 23 & 24<br>POLARITY MARKS REV                                                               |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | S. BUDOL                                                                                                                                                                                                                     |  | SH 21 TO 25 UVR FIG REF<br>CHANGED TO "B3"                                                                               |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | RN IB-2601                                                                                                                                                                                                                   |  | AGLIETTI 08-24-96                                                                                                        |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | RN IB-2615 , 2623                                                                                                                                                                                                            |  | G SMITH                                                                                                                  |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | OLD FILM NO WAS<br>TQ 091295                                                                                                                                                                                                 |  | S BUDOL                                                                                                                  |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | CONVERT TO AMW<br>DWG WAS 23 SHEETS                                                                                                                                                                                          |  |                                                                                                                          |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | SH.1 SUB NOTE ADD                                                                                                                                                                                                            |  |                                                                                                                          |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | SH.2 "CONTENTS"SH. 24 &<br>25, "LEGEND" TP & NP ADD                                                                                                                                                                          |  |                                                                                                                          |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | SH.3 C11 ADD,C10 DELETED<br>AT (3A)                                                                                                                                                                                          |  |                                                                                                                          |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | SH.6 "AMPT" DELETED                                                                                                                                                                                                          |  |                                                                                                                          |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | SH.10,11,12 FIG D0,D1,D2,D3<br>D4 NOTE "SHUNT TRIP"<br>ADD                                                                                                                                                                   |  |                                                                                                                          |                                                                                                                                        |                                                                                          |   |
|                                                                                                                         |                                                        |   | CONTINUE ABOVE                                                                                                                                                                                                               |  |                                                                                                                          |                                                                                                                                        |                                                                                          |   |
| * STATISTICAL SAMPLING<br>DIMENSION                                                                                     |                                                        |   | UNLESS OTHERWISE<br>SPECIFIED<br>DIMENSIONS IN INCHES<br>TWO PLACE DEC.<br>THREE PLACE DEC<br>ANGLES<br>ONE PLACE MM<br>TWO PLACE MM<br>VOLTAGE<br>RESISTANCE<br>AMPERAGE<br>FORCE<br>TORQUE<br>SPEED<br>TIME<br>TEMPERATURE |  |                                                                                                                          | DFT. DATE<br>B. AGLIETTI 9-26-94<br>S. BUDOL DATE<br>A. MOCUTIE DATE<br>ENG. REF. 508B508, 800A600<br>NEXT REF.<br>TOOL REF.<br>DSPEC. |                                                                                          |   |
| TITLE<br>CUTLER-HAMMER<br>TECHNOLOGY AND QUALITY CENTER PITTSBURGH, PA.<br>TYPE DSII CIRCUIT BREAKER<br>INTERNAL WIRING |                                                        |   | THE INFORMATION ON THIS DRAWING IS THE PROPERTY OF<br>EATON CORPORATION. IT IS DISCLOSED IN CONFIDENCE<br>AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED<br>EXCEPT FOR THE PURPOSE FOR WHICH FURNISHED.                      |  |                                                                                                                          | SCALE<br>NTS<br>MANAGED BY CIMS<br>PARTS LIST<br>1A333600<br>DWG. NO. 1A333600<br>PRODUCT CODE 666X<br>SHEET NO. 1 OF 25               |                                                                                          |   |

EQUIP. SHOWN OUTSIDE OF BKR BROKEN LINE  
OUTLINE ON SCHEMES, IS NOT SUP. W/BKR

DIAGRAM DETAILS ARE SHOWN FOR  
DRAWOUT BKRS. FOR FIXED BKRS USE  
CORRESPONDING T. BLK POINTS INSTEAD  
OF DRAWOUT SECONDARY CONTACTS.

#### LEGEND

ACTR = ACTUATOR, SOL-STATE BKR TR  
LCS = LATCH CHECK SWITCH  
LO = LOCK OUT  
LS = LIMIT SW FOR CLOSING SPR  
MOT = MOTOR FOR SPR CHARGING  
OTS = OVERCURRENT TRIP SWITCH  
PB = PUSHBUTTON  
SEN = SENSOR  
SH TR = SHUNT TRIP  
SR = SPRING RELEASE  
UV = UNDERVOLTAGE  
Y = ANTI-PUMP RELAY  
TB=TERMINAL BLOCK  
NP=NEGATIVE POWER

#### OPERATION OF PWR OPER. MECH STD

- 1 - WHEN BKR OPENS MOT IS ENERGIZED  
THRU LS & "b" CONT
- 2 - MOT RUNS & CHARGES CLSPG
- 3 - WHEN CL SPG ARE FULLY CHARGED  
LS CONTACTS REVERSE
- 4 - CLOSING CS-C CONT ENERGIZES SR COIL  
THRU Y, LS & "b" CONT
- 5 - WHEN BKR CLOSES "b" OPENS & Y COIL IS  
ENERG. IN SER WITH SR COIL
- 6 - Y CONT OPENS TO OPEN SR COIL CKT  
& PREVENT PUMPING SHOULD BKR OPEN  
WHILE CS-C IS HELD CLOSED. Y COIL  
HAS VERY LOW DROP OUT VOLTAGE.

#### SPECIAL

SAME AS FOR STD ABOVE EXCEPT MOTOR RUNNING  
DEPENDS ONLY ON LS CONTACT

ENG REF 800A600  
508B508

#### CONTENTS

| SH | LEGEND            | CODE |
|----|-------------------|------|
| 1  | SUB NOTES         |      |
| 2  | LEGEND            |      |
| 3  | SECONDARIES       |      |
| 4  | SERIES TRIP       | A    |
| 5  | SERIES TRIP       | A    |
| 6  | SERIES TRIP       | A    |
| 7  | BASIC ACCESSORIES | B    |
| 8  | OTS               | C    |
| 9  | OTS               | C    |
| 10 | PWR OPER MECH     | D    |
| 11 | PWR OPER MECH     | D    |
| 12 | PWR OPER MECH     | D    |
| 13 | AUX SW            | E    |
| 14 | SPECIAL           | F    |
| 15 | SPECIAL           | F    |
| 16 | SPECIAL           | F    |
| 17 | SPECIAL           | F    |
| 18 | COMMUNICATION     | G    |
| 19 | PWR SUPPLY        | G    |
| 20 | COMMUNICATIONS    | G    |
| 21 | SCHEMATIC 510     |      |
| 22 | SCHEMATIC 610     |      |
| 23 | SCHEMATIC 750     |      |
| 24 | SCHEMATIC 810     |      |
| 25 | SCHEMATIC 810D    |      |

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO. 1A33600

REV.  
7

SUBTITLE  
DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.  
2 OF 25

# SECONDARIES

VIEWED FROM FRONT OF BREAKER

UV F1 UV LCS (ATR ALARMS) <sup>OTS  
3  
OR  
OTS  
RESET</sup>

AUXILIARY SWITCH NO 2

NO NO NO NC NC NC

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
|----|----|----|----|----|----|----|----|----|----|----|----|

⑤ 30 TO 34

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
|----|----|----|----|----|----|----|----|----|----|----|----|

② 37 TO 48

|           |   |   |   |   |   |   |   |            |    |    |    |
|-----------|---|---|---|---|---|---|---|------------|----|----|----|
| ④A 1 TO 8 |   |   |   |   |   |   |   | ④B 1 TO 12 |    |    |    |
| 1         | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9          | 10 | 11 | 12 |

F0  
OR  
F1

A6

SR COM  
MOT SR

ATR  
POWER  
(ONLY)

MOT

③ OTS 1 & 2

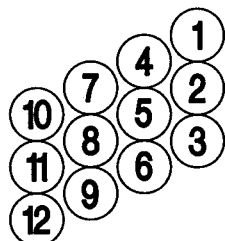
|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|----|----|----|----|----|----|----|----|----|----|----|----|

① 13 TO 24

NO NO ST  
AUX SW 1

GF NC NC  
AUX SW 1

ZONE INTERLOCK  
COMMUNICATION  
PLUG



ZONE INTERLOCK

- 1 - Z1 DG
- 2 - Z2 SOUT
- 3 - Z3 SIN
- 4 - Z4 GOUT
- 5 - Z5 GIN

COMMUNICATIONS

- ③A Z1-Z5, C6, C7, C10, C11, C12
- ③B Z1-Z5, C6-C10, C11, C12

- 6 - C6 COM1
- 7 - C7 COM2
- 8 - C8
- 9 - C9

- 10 - C10 SHIELD
- 11 - C11 NPOW
- 12 - C12 COM CLOSE

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

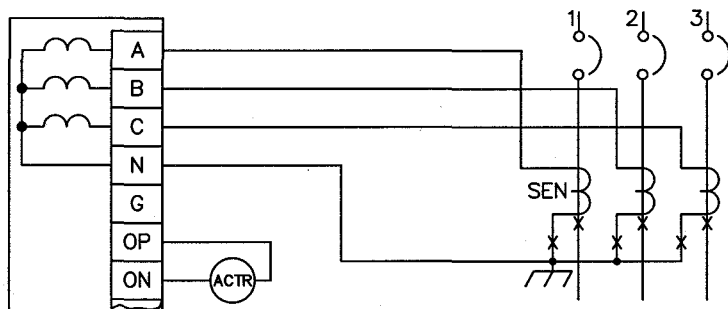
REV.  
7

SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

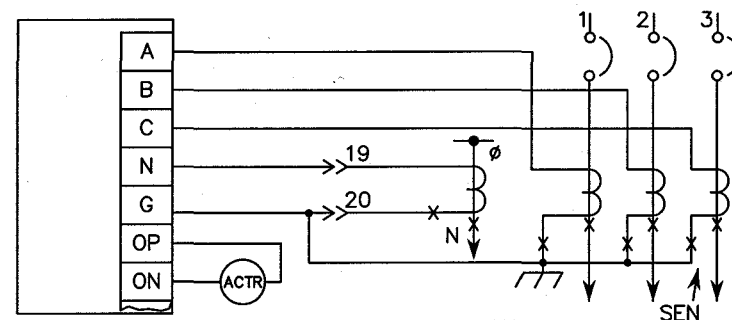
SHEET NO.

3 OF 25



STANDARD SERIES TRIP (NO GND)

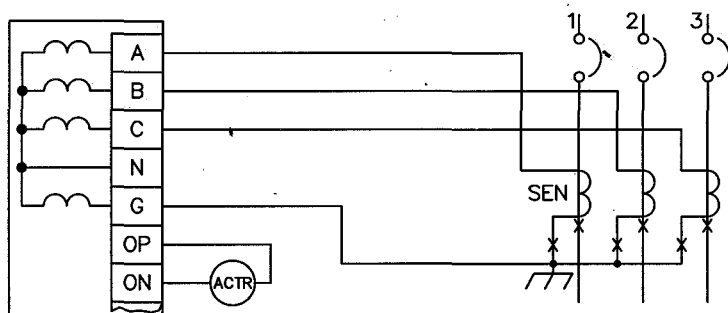
A0



Ø-NEUT SEN NOT SUP  
W/BKR. DO NOT GRD

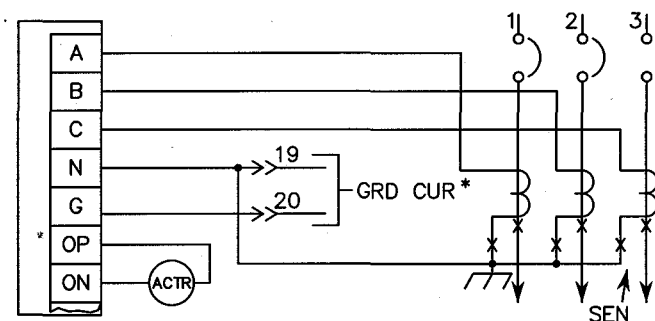
SERIES TRIP W/GND W/NEUTRAL

A2



SERIES TRIP W/GRD W/O NEUTRAL

A1



\* - DO NOT GROUND

SERIES TRIP EXT GND CURRENT

A3

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

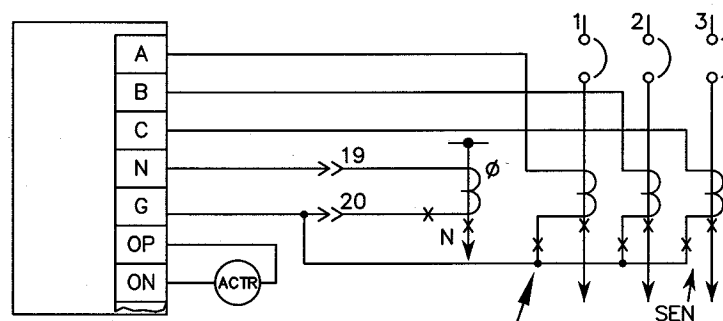
SIZE  
A CAD DIRECTORY  
MANAGED BY CMS

DWG. NO. 1A33600

REV.  
7

SUBTITLE  
DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.  
4 OF 25



OMIT STD. SENSOR FRAME  
GND, CONN.

Ø — NEUTRAL SENSOR  
NOT PROVIDED WITH  
BREAKER

A2 W/O SENSOR GROUND

A4

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

REV.  
7

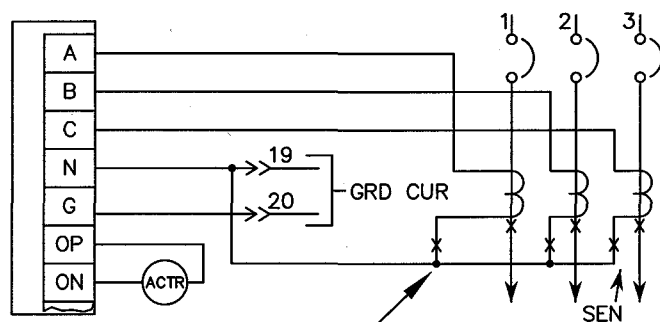


SUBTITLE

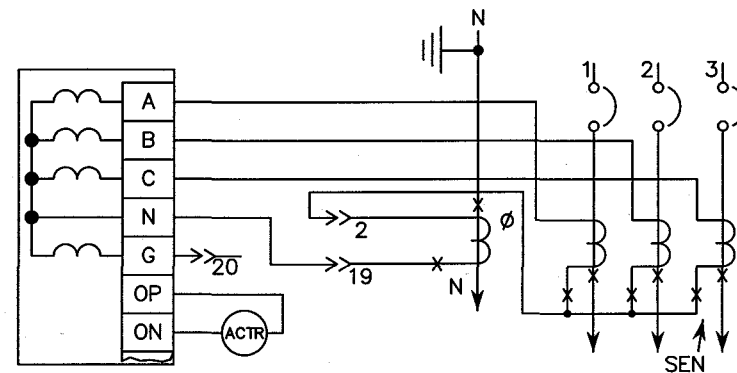
DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.

5 OF 25



OMIT STD. SENSOR FRAME  
GND. CONN.



Ø - NEUTRAL SENSOR  
NOT PROVIDED WITH  
BREAKER

A3 W/O SENSOR GROUND

A5

SERIES TRIP - SPECIAL

A6

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

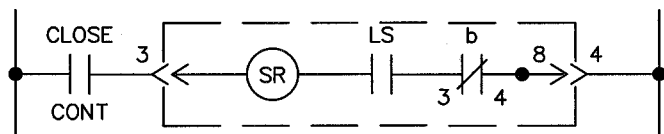
REV.  
7

SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

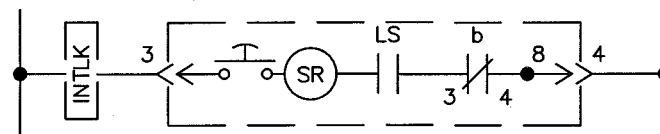
SHEET NO.

6 OF 25



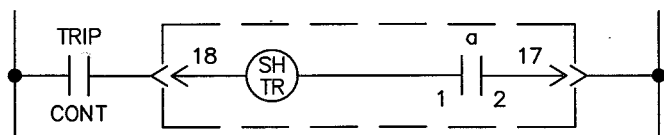
SPRING RELEASE

B0



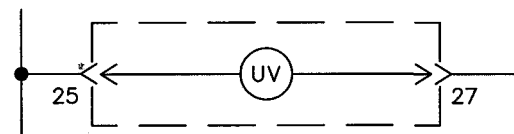
ELECTRIC LOCKOUT

B2



SHUNT TRIP

B1



UNDERVOLTAGE

B3

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

REV.  
7

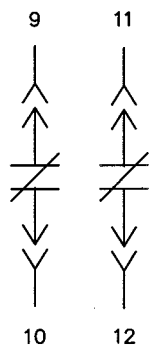


SUBTITLE

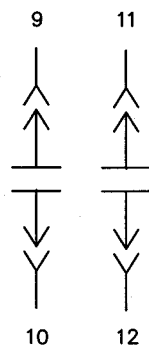
DSI CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.

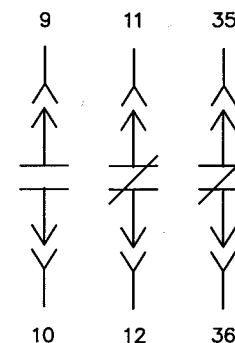
7 OF 25



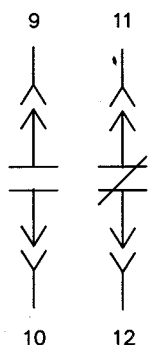
2 NC CONTACTS STANDARD OTS C0



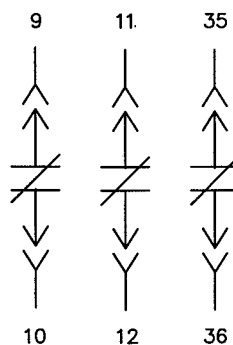
2 NO CONTACTS STANDARD OTS C2



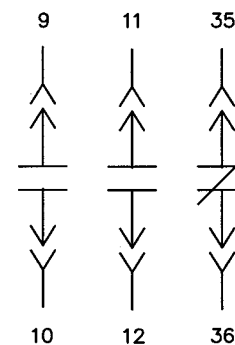
1 NO, 2 NC SPECIAL OTS C4



1 NO, 1 NC CONTACTS STANDARD OTS C1



3 NC CONTACTS SPECIAL OTS C3



2 NO, 1 NC SPECIAL OTS C5

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

REV.  
7

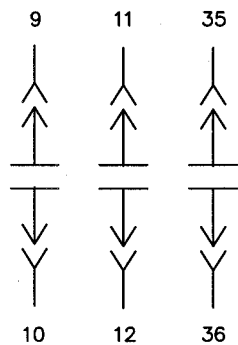


SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

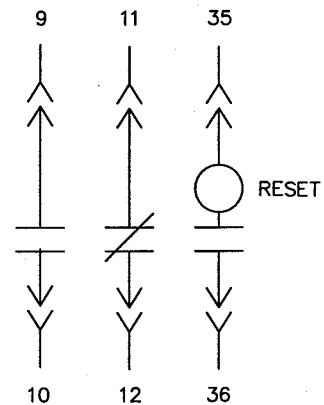
SHEET NO.

8 OF 25



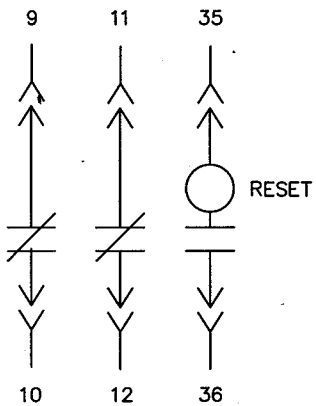
3 NO SPECIAL OTS

C6



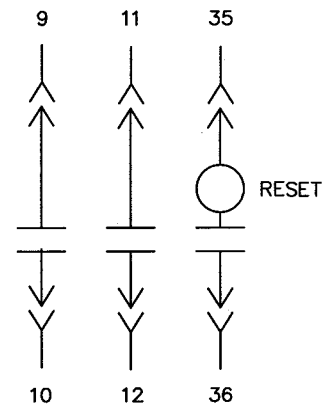
1 NO, 1 NC WITH RESET OTS

C8



2 NC WITH RESET OTS

C7



2 NO WITH RESET OTS

C9

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

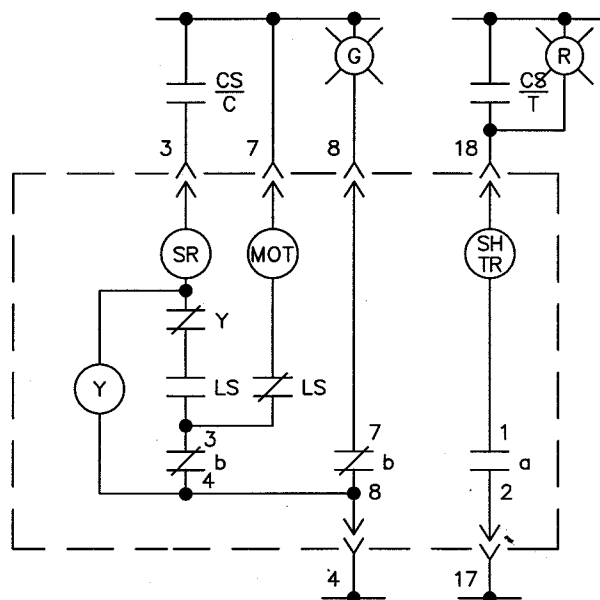
REV.  
7

SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.

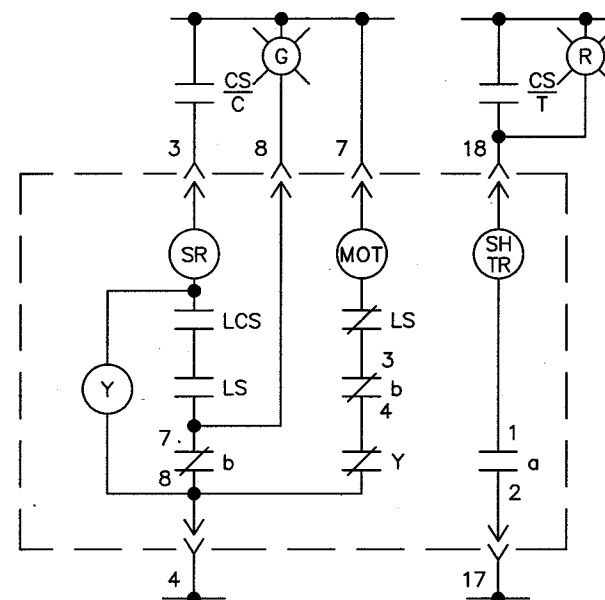
9 OF 25



NOTE : SHUNT TRIP IS WIRED PER FIGURE B1

PWR OPER MECH STD

DO



NOTE : SHUNT TRIP IS WIRED PER FIGURE B1

PWR OPER MECH STD W/LCS

|    |
|----|
| D1 |
|----|

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

|          |  |
|----------|--|
| DWG. NO. |  |
|----------|--|

1A33600

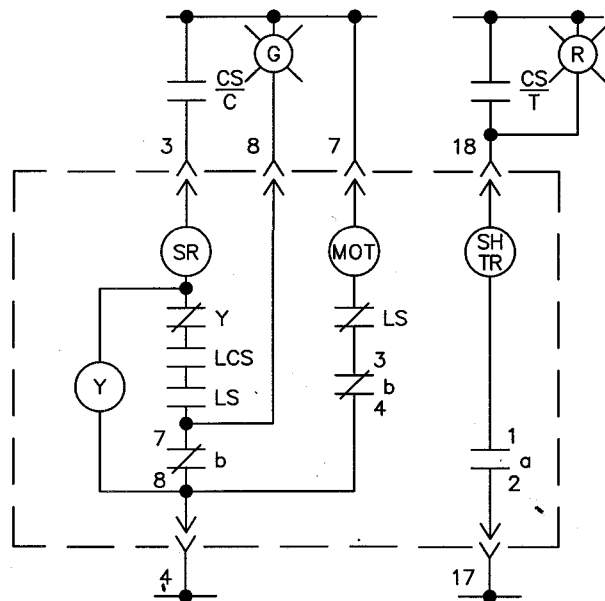
REV.  
7

SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

|           |
|-----------|
| SHEET NO. |
|-----------|

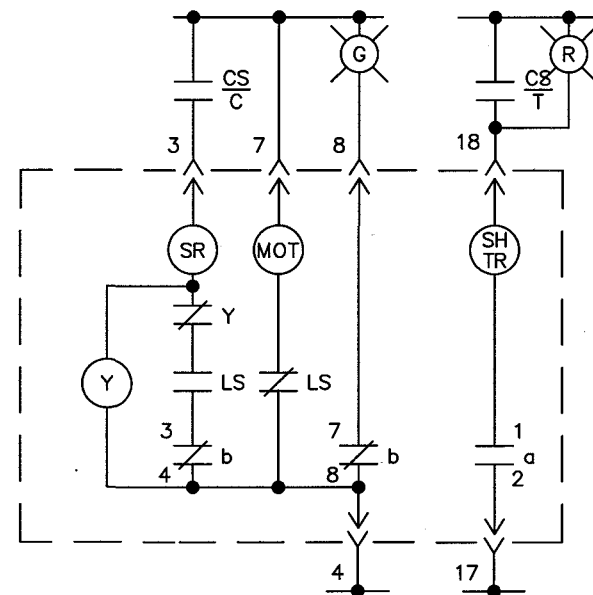
10 OF 25



NOTE : SHUNT TRIP IS WIRED PER FIGURE B1

PWR OPER MECH W/LCS WITH Y CONT.

D2



NOTE : SHUNT TRIP IS WIRED PER FIGURE B1

PWR OPER MECH SPECIAL

D3

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

REV.  
7



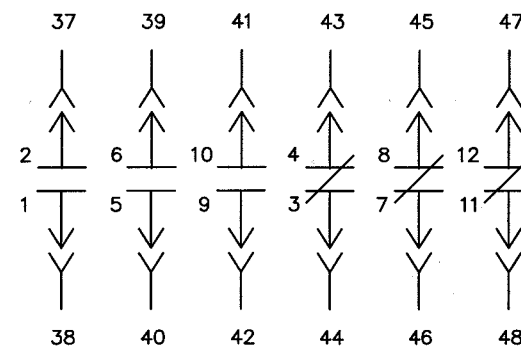
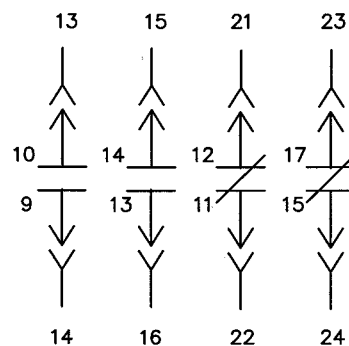
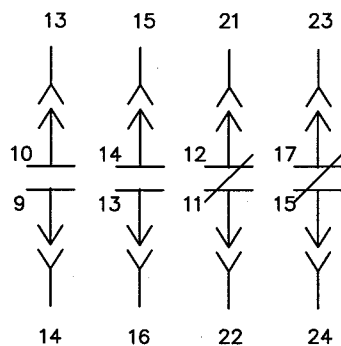
SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.

11 OF 25





2 NO AND 2 NC

EO

5 NO AND 5 NC

E1

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

REV.  
7

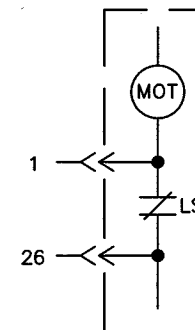
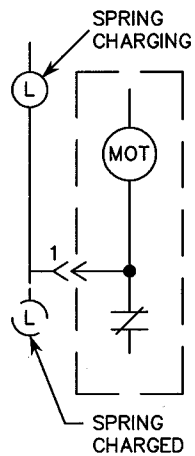


SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.

13 OF 25



MOTOR/LIM SW EXT CONN

WITH D3 , D4

F0

LIMIT SW EXTERNAL CONN

WITH D0 , D1 , D2

F1

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

REV.  
7

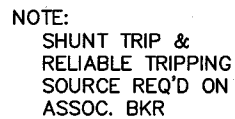


SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.

14 OF 25

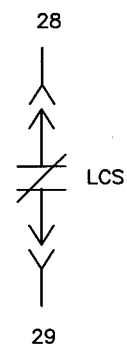
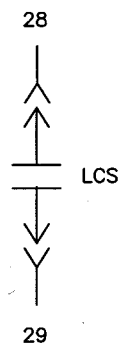


---

F2

|    |
|----|
| F3 |
|----|

SHEET NO.  
15 OF 25



LATCH CHECK SW N.O. CONT.

F4

LATCH CHECK SW N.C. CONT.

F5

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

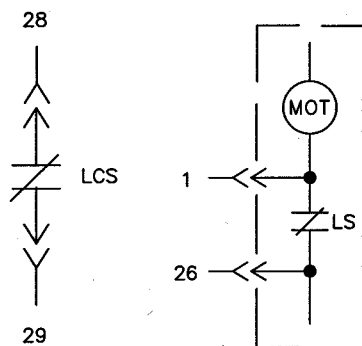
DWG. NO. 1A33600

REV.  
7



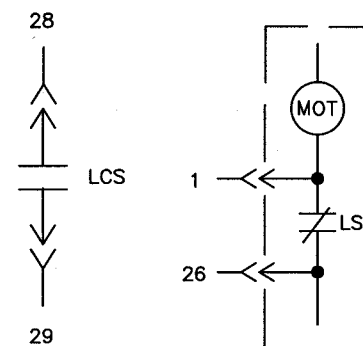
SUBTITLE  
DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.  
16 OF 25



LCS NC + LIMIT SW. EX. CONN.

F6



LCS NO + LIMIT SW. EX. CONN.

F7

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

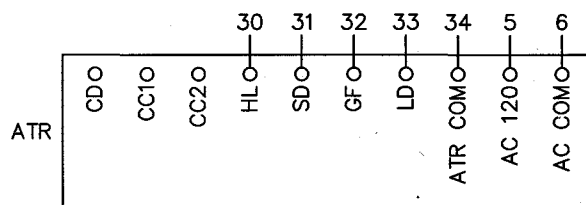
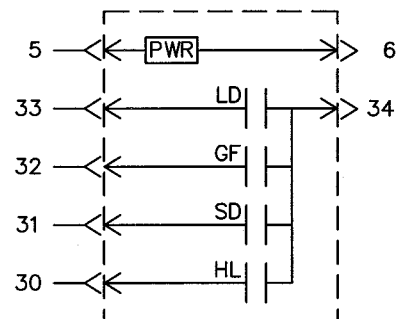
REV.  
7



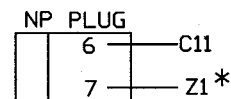
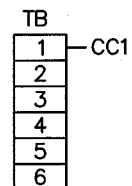
SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

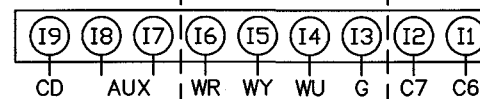
SHEET NO.  
17 OF 25



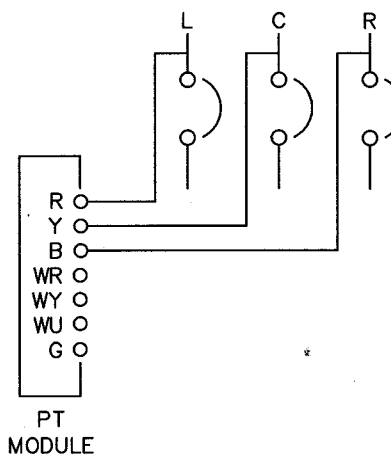
REF ZONE INTERLOCK CONNECTIONS  
PER SHEETS 21, 22 AND 24



INTERNAL  
WIRING

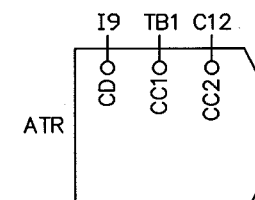
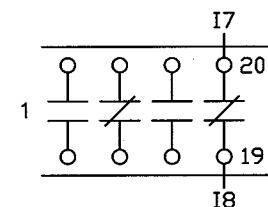
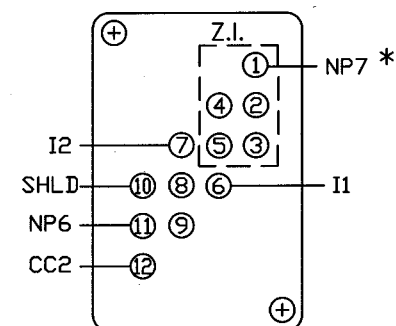


PT INCOM BLOCK (DIGITRIP)



\* ONLY PROVIDE WHEN P.T. MODULE SUPPLIED AND  
ZONE INTERLOCKING NOT REQUIRED

COMMUNICATIONS



DIGITRIP ATR

GO

DIGITRIP WITH INCOM COMMUNICATION (EXCEPT OPTIM 750)

G1

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

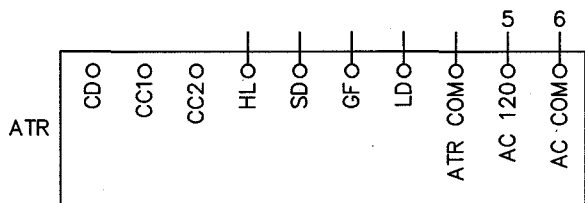
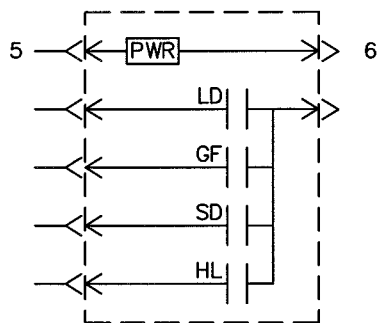
REV.  
7

SUBTITLE

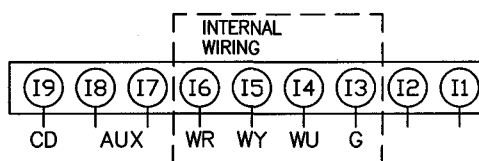
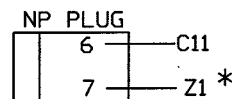
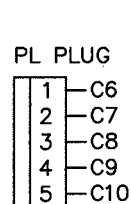
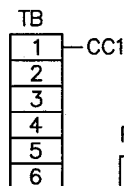
DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.

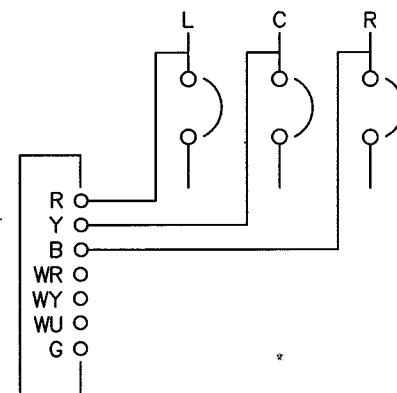
18 OF 25



# 810D Communications Shielded Cable POINTS 6,7,8,9,10

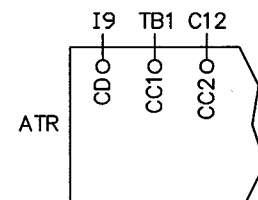
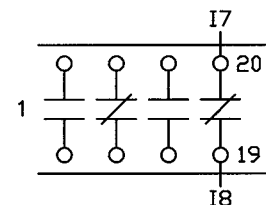
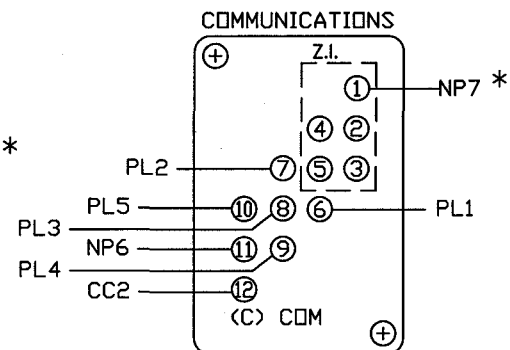


PT INCOM PLUG



PT  
MODULE

REF ZONE INTERLOCK CONNECTIONS  
PER SHEET 25



\* ONLY PROVIDED WHEN P.T. MODULE SUPPLIED AND  
ZONE INTERLOCKING NOT REQUIRED

DIGITRIP ATR (POWER SUPPLY ONLY)

G2

DIGITRIP 810D POWER LOGIC COMMUNICATION

G3

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

REV.  
7

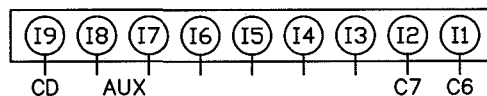
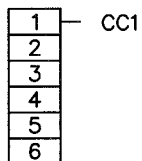
SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

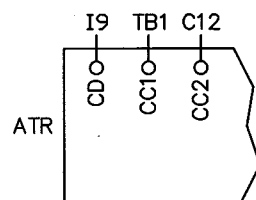
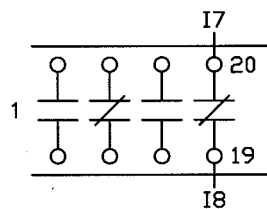
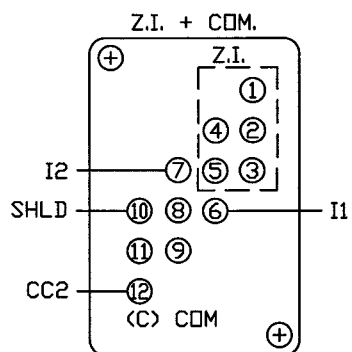
SHEET NO.  
19 OF 25

REF ZONE INTERLOCK CONNECTIONS  
PER SHEET 23

TB



PT INCOM BLOCK (DIGITRIP)



DIGITRIP OPTIM 750 WITH INCOM COMMUNICATION

G4

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

DWG. NO.

1A33600

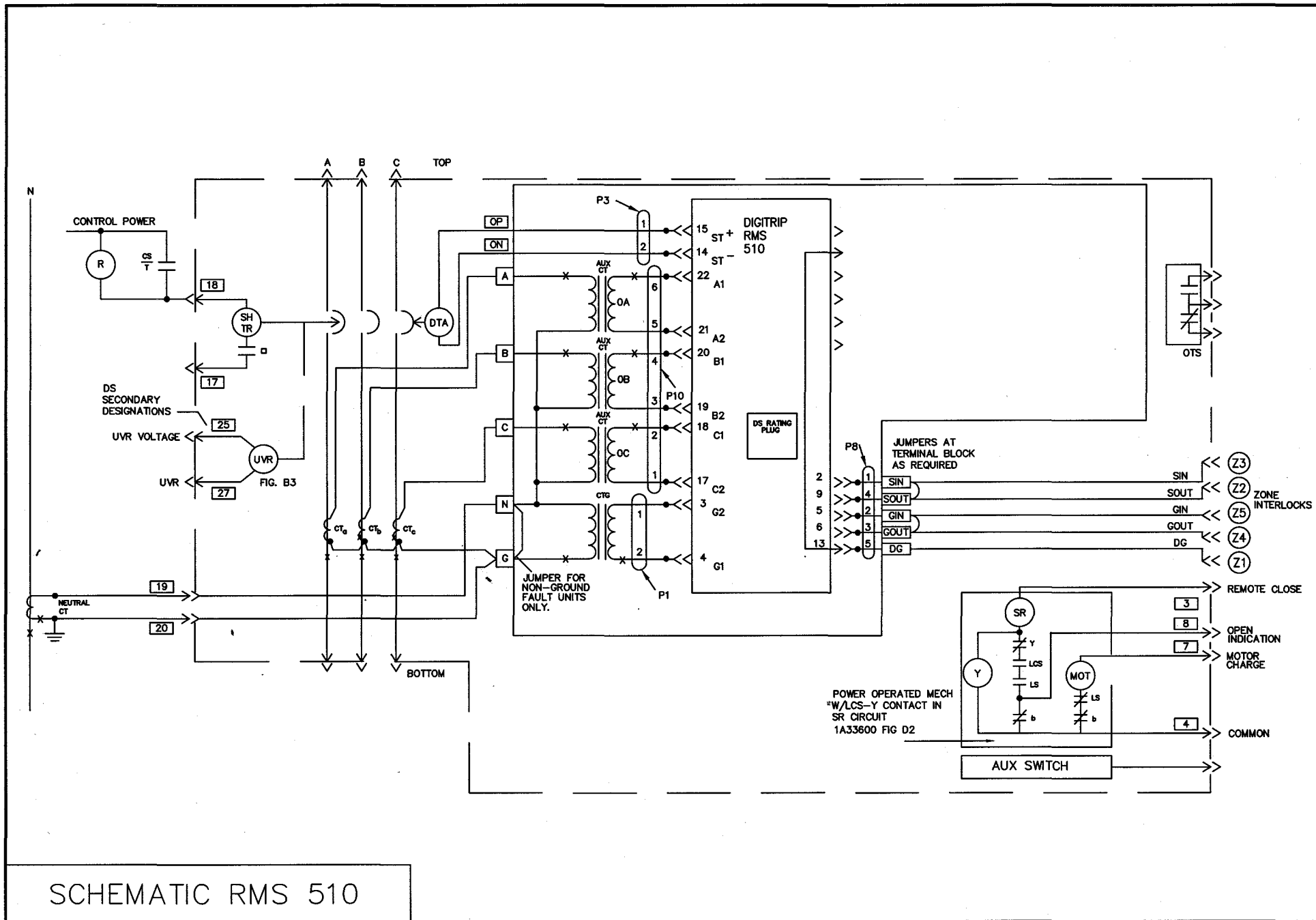
REV.  
7

SUBTITLE

DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.

20 OF 25



\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

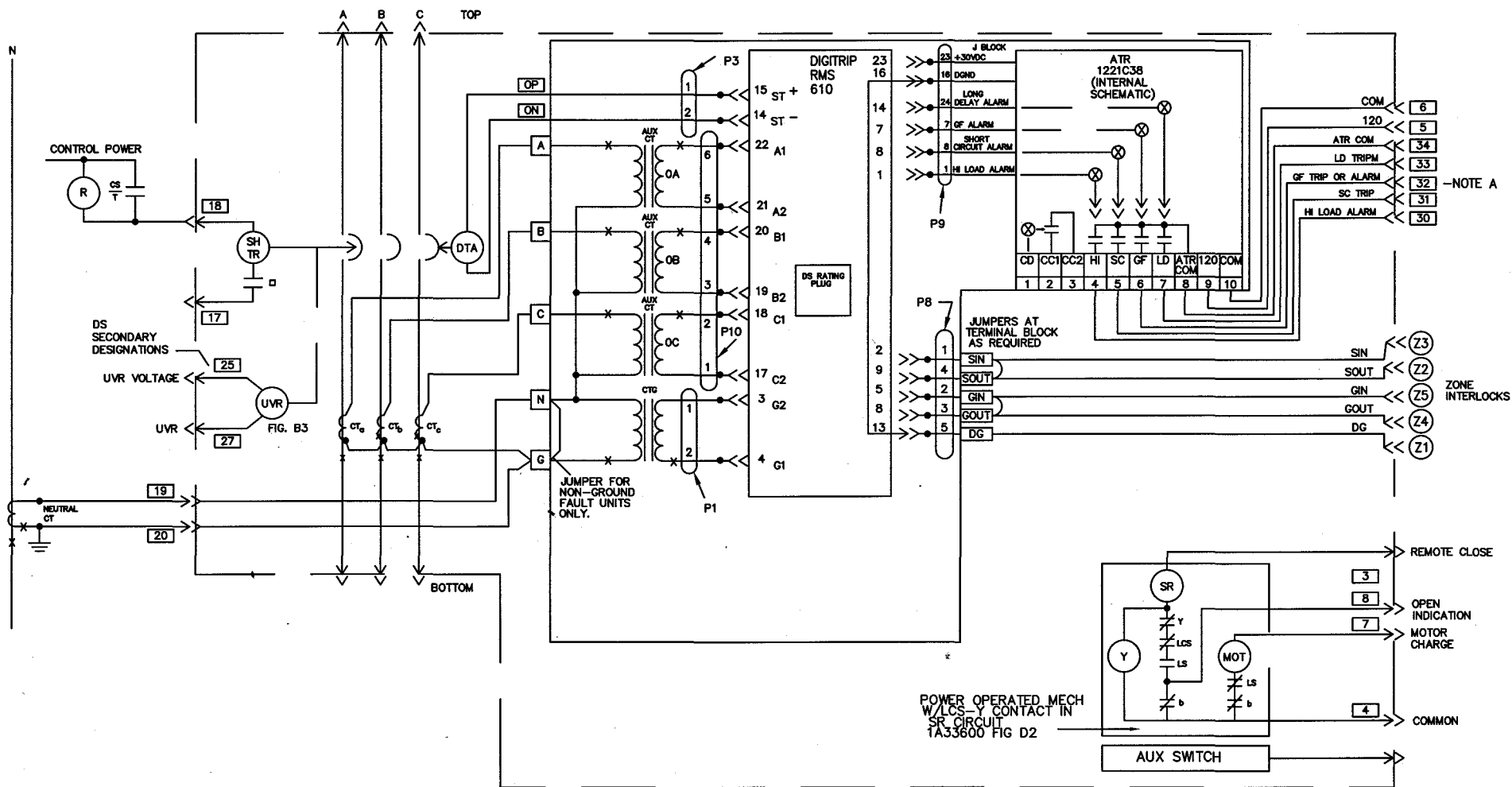
DWG. NO.

1A33600

REV.  
7

SUBTITLE  
DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.  
21 OF 25



\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE  
A

CAD DIRECTORY  
MANAGED BY CMS

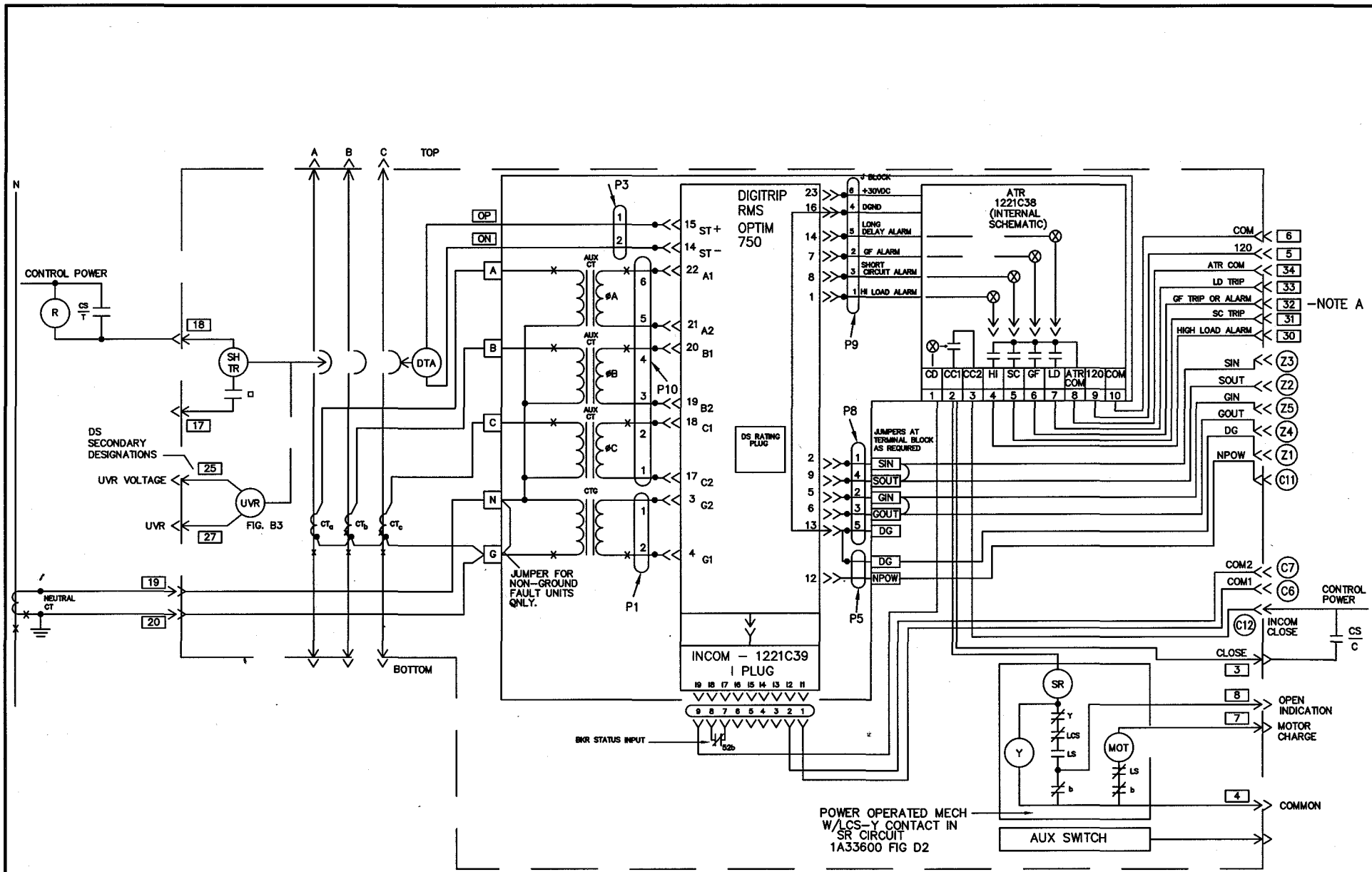
DWG. NO.

1A33600

REV.  
7

SUBTITLE  
DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO.  
22 OF 25



# SCHEMATIC OPTIM 750

NOTE A- GF ALARM ONLY AVAILABLE WITH DIGITRIP ONLY

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

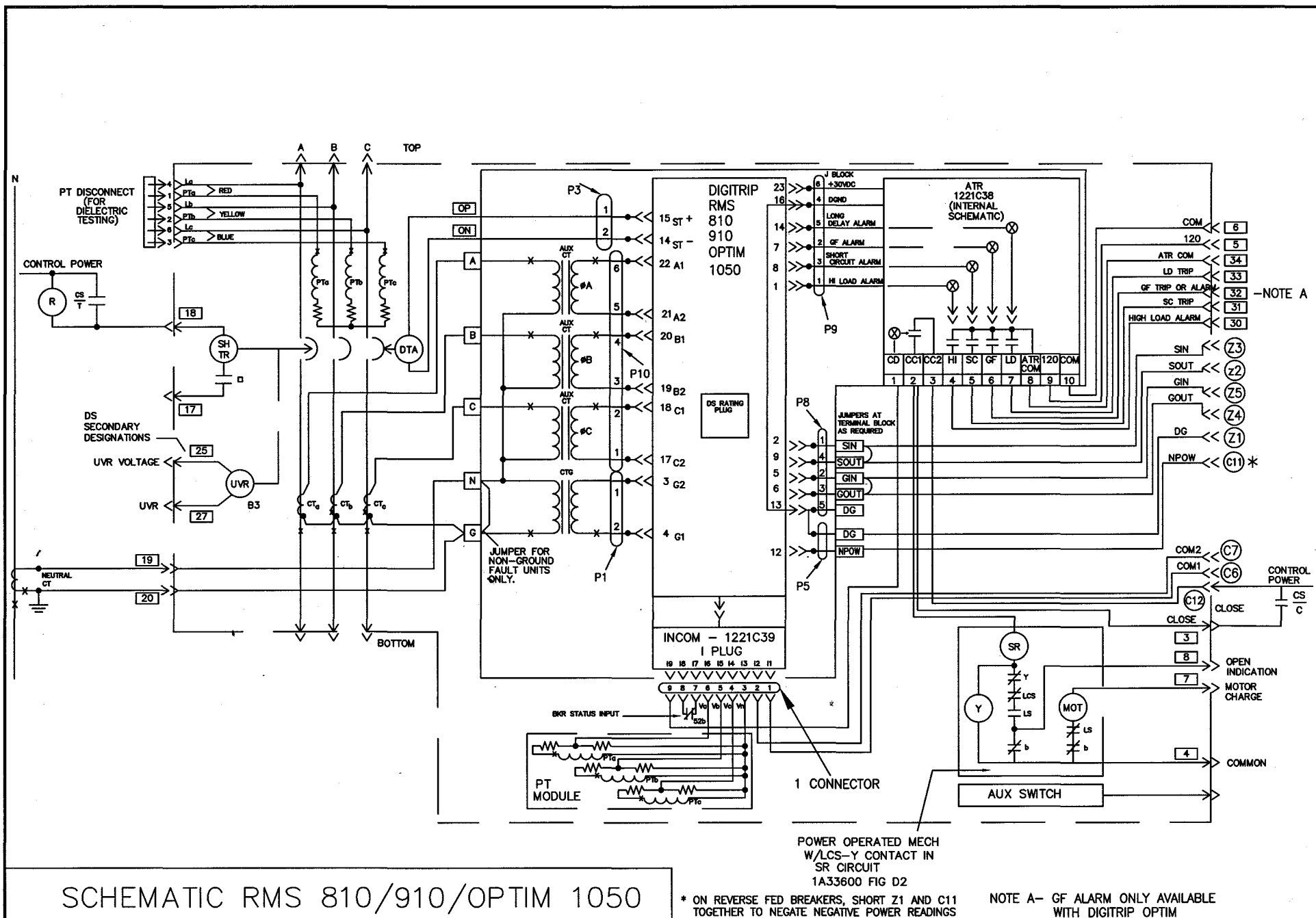
SIZE A CAD DIRECTORY MANAGED BY CMS

DWG. NO. 1A33600

REV. 7

SUBTITLE DSII CIRCUIT BREAKER INTERNAL WIRING

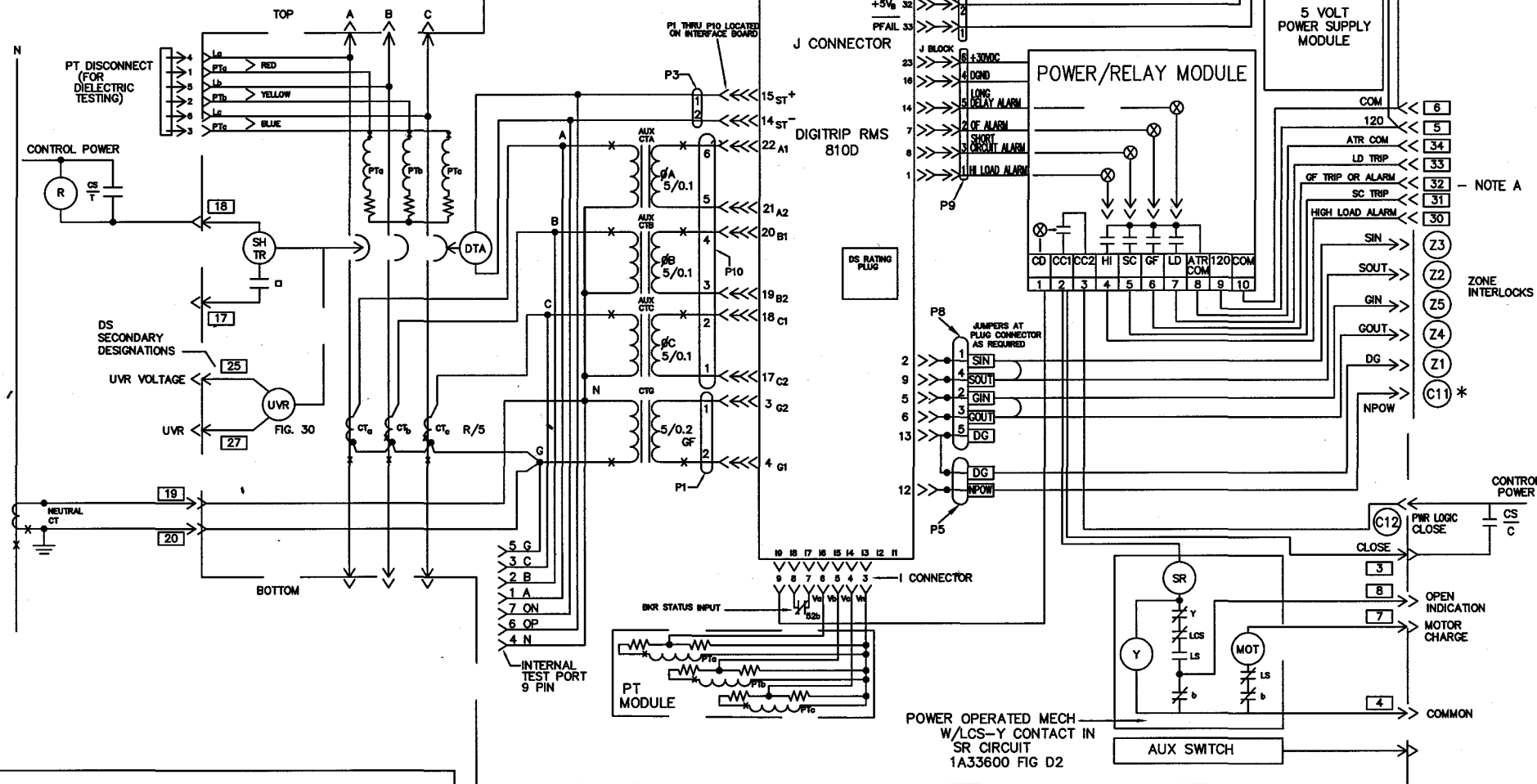
SHEET NO. 23 OF 25



|                                  |                                                  |                                              |                  |
|----------------------------------|--------------------------------------------------|----------------------------------------------|------------------|
| * STATISTICAL SAMPLING DIMENSION | ALL REV. NOTES LISTED ON SHEET 1                 | SIZE<br>A<br>CAD DIRECTORY<br>MANAGED BY CMS | DWG. NO. 1A33600 |
| REV.<br>7                        | SUBTITLE<br>DSII CIRCUIT BREAKER INTERNAL WIRING | SHEET NO.<br>24 of 25                        |                  |

# LEGEND

- - BRK. SEC CONTACTS
- J - DIGITRIP CONNECTOR
- I - DIGITRIP CONNECTOR



SCHEMATIC RMS 810D

\* ON REVERSE FED BREAKERS, SHORT Z1 AND C11 TOGETHER TO NEGATE NEGATIVE POWER READINGS

NOTE A- GF ALARM ONLY AVAILABLE WITH DIGITRIP OPTIM

\* STATISTICAL SAMPLING DIMENSION

ALL REV. NOTES LISTED ON SHEET 1

SIZE A CAD DIRECTORY MANAGED BY CMS

DWG. NO. 1A33600

REV. 7

SUBTITLE DSII CIRCUIT BREAKER INTERNAL WIRING

SHEET NO. 25 OF 25